

Converting Colors

HunterLab(78.4258, -12.1911,
-23.4114)

Have a look what the booklet for
HunterLab(78.4258, -12.1911,
-23.4114) contains.

HunterLab(78.4734, -12.2654, -23.3399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(78.4734,
-12.2654, -23.3399)**

Conversions

Conversions Part 1

Format	Color
Hex	99D5FF
RGB	153, 213, 255
RGB Percent	60%, 84%, 100%
CMY	0.4000, 0.1647, 0.0000
CMYK	0.40, 0.16, 0.00, 0.00
HSL	205°, 100%, 80%
HSV	205°, 40%, 100%
XYZ	54.9811, 61.5807, 103.5961
YIQ	199.8480, -49.2420, 0.3420

Conversions

Conversions Part 2

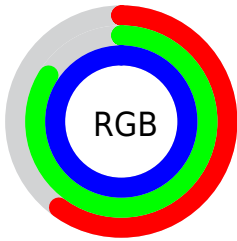
Format	Color
R_{YB}	153, 191, 255
Decimal	10081791
CIE _{Lab}	82.69, -8.78, -26.55
CIE _{LCh}	83, 27.966, 251.703
Yxy	61.5830, 0.2497, 0.2797
Android (android.graphics.Color)	4288271871 (0xFF99D5FF)
YUV	199.8480, 27.1899, -41.0857
Hunter-Lab	78.4734, -12.2654, -23.3399

Details

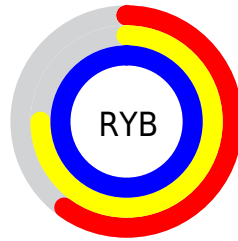
The HunterLab color $78.4734, -12.2654, -23.3399$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $79.1143, 11.6016, 26.3662$, and the grayscale version is $75.8383, -4.0465, 4.1204$.

A 20% lighter version of the original color is $96.1466, -19.0123, 0.5712$, and $55.7426, -9.9698, -22.6523$ is the 20% darker color. If you saturate the color by 10%, you get $73.6538, -12.2833, -30.9875$, and if you desaturate by 10%, it is $83.5400, -11.4796, -15.8690$.

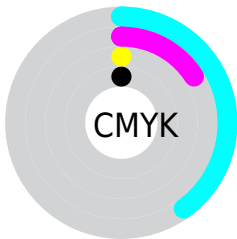
Distribution



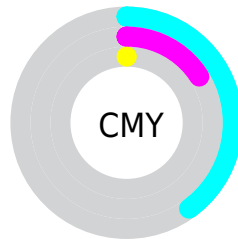
- Red (60%)
- Green (84%)
- Blue (100%)



- Red (60%)
- Yellow (75%)
- Blue (100%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.4734, -12.2654, -23.3399 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 78.4734, -12.2654, -23.3399 by changing the saturation by 10% instead.

■ 78.4734, -12.2654,
-23.3399

■ 78.4734, -12.2654,
-23.3399

207.4629,
-22.3571, -24.2494

■ 66.8550, -11.2076,
-22.9732

■ 103.5001,
-14.4143, -23.8951

■ 55.8730, -10.1565,
-22.5506

■ 116.8520,
-15.5067, -24.0914

■ 45.5685, -9.1095,
-22.0728

130.7333,
-16.6124, -24.2356

■ 35.9892, -8.0614,
-21.5487

145.1245,
-17.7321, -24.3299

■ 27.1950, -7.0041,
-21.0022

160.0082,
-18.8661, -24.3764

■ 19.2633, -5.9236,
-20.4956

175.3685,

■ 12.3009, -4.7938,

-20.0149, -24.3773

-20.2094

191.1911,
-21.1785, -24.3344

■ 5.4583, -7.3007,
-26.2016

0.0000, NaN, -NF

■ 78.4734, -12.2654,
-23.3399

■ 78.4734, -12.2654,
-23.3399

■ 73.6538, -12.2833,
-30.9875

■ 83.5400, -11.4796,
-15.8690

■ 69.0987, -11.4424,
-38.8001

■ 88.8286, -10.0100,
-8.5869

■ 64.8311, -9.6616,
-46.7422

■ 94.3214, -7.9378,
-1.4886

■ 60.8701, -6.8792,
-54.7644

■ 100.0000, -5.3358,
5.4332

■ 57.2280, -3.0760,
-62.8068

■ 53.8838, 1.6299,
-70.8683

■ 53.8833, 1.6308,
-70.8697

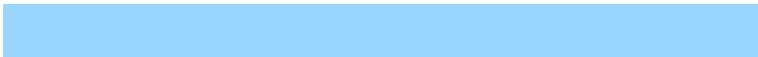
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4749, -22.8497, -14.2293



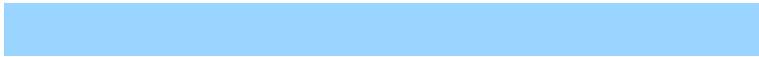
78.4734, -12.2654, -23.3399



78.4749, 1.2061, -24.3359

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4749, -12.2662, -23.3378



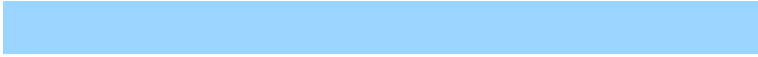
78.4749, 23.2120, 9.1712



78.4749, -20.9075, 20.7262

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.4734, -12.2654, -23.3399



79.1143, 11.6016, 26.3662

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4749, -9.4469, 25.0060



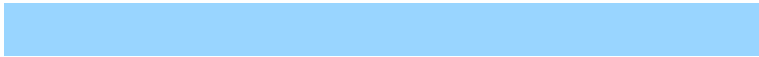
78.4734, -12.2654, -23.3399



78.4749, 16.3913, 19.1385

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4749, -12.2662, -23.3378



78.4749, 22.3280, -3.9821



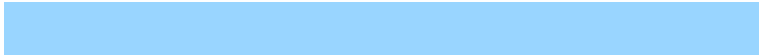
78.4749, 4.2237, 24.4794



78.4749, -27.5986, 11.7160

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4734, -12.2654, -23.3399



78.4749, 10.0900, -20.0903



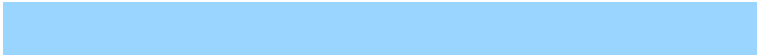
78.4749, 4.2237, 24.4794



78.4749, -17.5194, 22.6902

Sweetspot

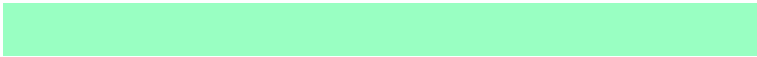
The Sweet Spot groups the original color and five complimentary colors.



78.4749, -12.2662, -23.3378



93.2063, -8.3972, -2.8951



90.6526, -43.2294, 21.7976



42.7868, -4.0182, -1.7659

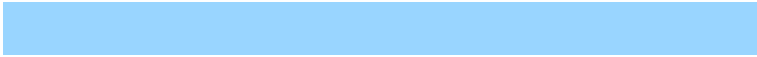
0.0000, NaN, NaN



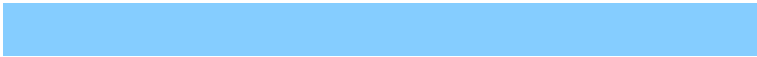
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4749, -12.2662, -23.3378



74.5966, -12.3457, -29.4451



63.4505, 13.6467, -49.0674



43.7651, -3.6184, -0.5287



39.3348, 0.5102, -50.2666



13.1220, -1.2585, -13.6845

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.8915, 42.7846, -9.5883



65.0495, 52.3011, -11.4157



94.2041, -14.0632, 38.8332



42.6221, 2.7118, 0.5850



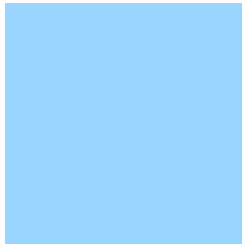
35.0570, 63.4051, -3.4627



11.0380, 20.1416, -2.4704

Previews

White Background



This preview shows how the HunterLab color 78.4734, -12.2654, -23.3399 looks on a white background.

Color Contrast Check

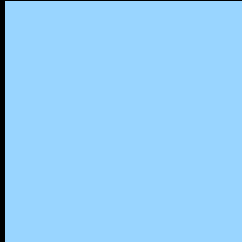
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 78.4734, -12.2654, -23.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

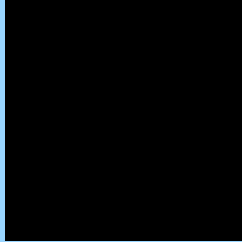
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

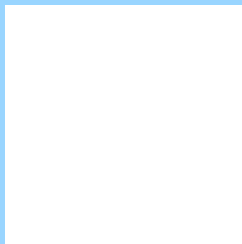
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 78.4734, -12.2654, -23.3399 Background



This preview shows how black text looks on a background with the HunterLab color 78.4734, -12.2654, -23.3399.



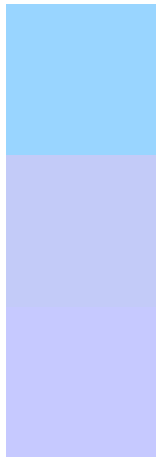
This preview shows how white text looks on a background with the HunterLab color 78.4734,

-12.2654, -23.3399.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.4734, -12.2654, -23.3399

Protanopia

78.1609, 2.0816, -19.1669

Deuteranopia

78.1019, 5.5362, -23.5973



Tritanopia

78.5934, -20.1257, -10.6465

Trichromacy



Original Color

78.4734, -12.2654, -23.3399

Protanomaly

78.2905, -3.5210, -20.9365

Deuteranomaly

77.9921, -1.0581, -23.8814

Tritanomaly

78.6842, -17.5152, -15.1206

Monochromacy



Original Color

78.4734, -12.2654, -23.3399

Achromatopsia

75.9987, -4.0551, 4.1292

Achromatomaly

76.7445, -8.0577, -5.1618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.4734, -12.2654, -23.3399 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 213, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 213, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 78.4734, -12.2654, -23.3399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 213, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 213, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 213, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 213, 255); box-shadow:4px 4px 4px 4px rgb(153, 213, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.4734, -12.2654, -23.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 213, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
213, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor