

Converting Colors

HunterLab(69.6349, -10.3410,
-44.9717)

Have a look what the booklet for
HunterLab(69.6349, -10.3410,
-44.9717) contains.

HunterLab(69.1324, -12.9524, -38.7662)	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(69.1324,
-12.9524, -38.7662)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC1FF
RGB	95, 193, 255
RGB Percent	37%, 76%, 100%
CMY	0.6274, 0.2431, 0.0000
CMYK	0.63, 0.24, 0.00, 0.00
HSL	203°, 100%, 69%
HSV	203°, 63%, 100%
XYZ	41.8394, 47.7929, 101.6276
YIQ	170.7660, -78.3100, -1.4940

Conversions

Conversions Part 2

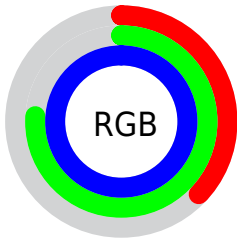
Format	Color
R _Y B	95, 156, 255
Decimal	6275583
CIE Lab	74.70, -10.57, -39.08
CIE LCh	75, 40.489, 254.866
Yxy	47.7945, 0.2188, 0.2499
Android (android.graphics.Color)	4284465663 (0xFF5FC1FF)
YUV	170.7660, 41.5274, -66.4468
Hunter-Lab	69.1324, -12.9524, -38.7662

Details

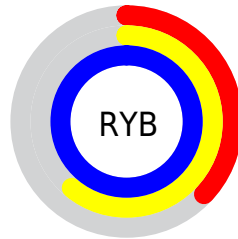
The HunterLab color **69.1324, -12.9524, -38.7662** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **67.9724, 26.4378, 32.9017**, and the grayscale version is **63.5772, -3.3923, 3.4543**.

A 20% lighter version of the original color is **90.6865, -28.7407, -6.4762**, and **47.7843, -10.5138, -37.0299** is the 20% darker color. If you saturate the color by 10%, you get **65.1314, -11.2094, -46.1854**, and if you desaturate by 10%, it is **73.4212, -13.7474, -31.3977**.

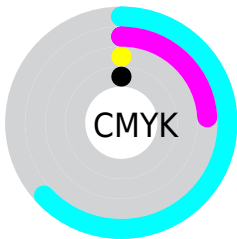
Distribution



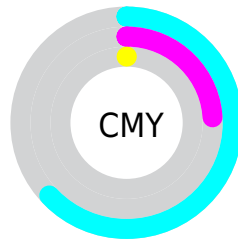
- Red (37%)
- Green (76%)
- Blue (100%)



- Red (37%)
- Yellow (61%)
- Blue (100%)



- Cyan (63%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.1324, -12.9524, -38.7662 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 69.1324, -12.9524, -38.7662 by changing the saturation by 10% instead.

69.1324, -12.9524,
-38.7662

69.1324, -12.9524,
-38.7662

194.4163,
-23.6329, -42.8280

58.0208, -11.8040,
-38.1067

93.2193, -15.2596,
-39.9859

47.5770, -10.6537,
-37.4433

106.1323,
-16.4235, -40.5335

37.8481, -9.4950,
-36.8146

119.5920,
-17.5966, -41.0344

28.8910, -8.3182,
-36.3032

133.5770,
-18.7801, -41.4873

20.7791, -7.1071,
-36.0919

148.0682,
-19.9749, -41.8925

13.6119, -5.8319,
-36.6457

163.0486,

7.2096, -6.7742,

-21.1816, -42.2503

-41.7320

178.5027,
-22.4008, -42.5618

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 69.1324, -12.9524,
-38.7662

■ 69.1324, -12.9524,
-38.7662

■ 65.1314, -11.2094,
-46.1854

■ 73.4212, -13.7474,
-31.3977

■ 61.4287, -8.4742,
-53.6101

■ 77.9759, -13.6646,
-24.1271

■ 58.0305, -4.7527,
-60.9861

■ 82.7780, -12.7859,
-16.9794

■ 55.7310, -1.5397,
-66.3352

■ 87.8081, -11.1947,
-9.9703

■ 93.0476, -8.9709,

-3.1057

■ 98.4794, -6.1876,
3.6151

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



69.1336, -27.6729, -25.4325



69.1324, -12.9524, -38.7662



69.1336, 5.9079, -38.8298

Triad

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



69.1336, -12.9525, -38.7640



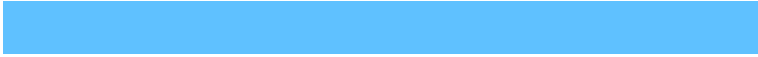
69.1336, 35.1754, 12.0795



69.1336, -27.5690, 24.1011

Complementary

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



69.1324, -12.9524, -38.7662



67.9724, 26.4378, 32.9017

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.



69.1336, -12.7960, 29.5847



69.1324, -12.9524, -38.7662



69.1336, 24.0801, 24.0244

Square

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



69.1336, -12.9525, -38.7640



69.1336, 35.1218, -5.9139



69.1336, 6.0821, 29.5610



69.1336, -35.4723, 12.2163

Rectangle

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



69.1324, -12.9524, -38.7662



69.1336, 18.3986, -31.1529



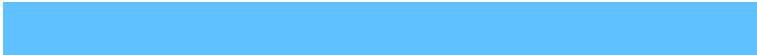
69.1336, 6.0821, 29.5610



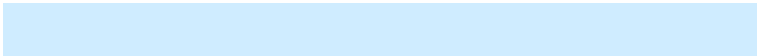
69.1336, -23.3166, 26.5930

Sweetspot

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



69.1336, -12.9525, -38.7640



89.7449, -10.4326, -7.3849



87.3872, -57.9251, 31.3915



40.8339, -5.0998, -4.3302

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.1336, -12.9525, -38.7640



64.2686, -10.6792, -47.8639



46.4917, 29.0259, -91.4954



43.8521, -3.7603, -0.4231



40.6543, -1.7325, -47.0744



13.4960, -1.8562, -12.8618

Inverse Universe

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



57.7031, 69.0310, -15.0763



53.1322, 79.6605, -14.5819



90.7028, -14.2857, 48.5622



42.6311, 2.7601, 0.4566



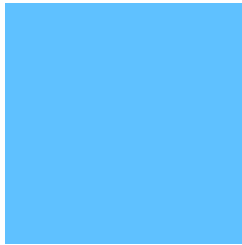
35.2086, 63.9529, -5.5980



11.0834, 20.3051, -3.1046

Previews

White Background



This preview shows how the HunterLab color 69.1324, -12.9524, -38.7662 looks on a white background.

Color Contrast Check

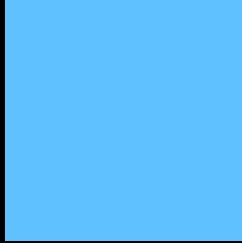
Large Text (above 18pt) WCAG AA × Fail

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 69.1324, -12.9524, -38.7662 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

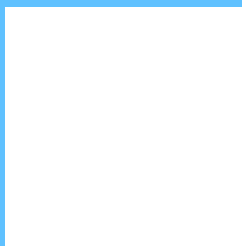
Any Text WCAG AAA ✓ Pass

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

HunterLab 69.1324, -12.9524, -38.7662 Background



This preview shows how black text looks on a background with the HunterLab color 69.1324, -12.9524, -38.7662.



This preview shows how white text looks on a background with the HunterLab color 69.1324,

-12.9524, -38.7662.

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

69.1324, -12.9524, -38.7662

Protanopia

68.6495, 4.9637, -32.2200

Deuteranopia

68.8737, 5.1128, -38.9140



Tritanopia

69.1397, -27.9761, -13.5969

Trichromacy



Original Color

69.1324, -12.9524, -38.7662

Protanomaly

68.5758, -2.6265, -35.2767

Deuteranomaly

68.5465, -2.1730, -39.6319

Tritanomaly

68.9091, -22.6324, -22.3474

Monochromacy



Original Color

69.1324, -12.9524, -38.7662

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

65.0723, -9.3413, -10.9781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.1324, -12.9524, -38.7662 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(95, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 193, 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(95, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 193, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 69.1324, -12.9524, -38.7662 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(95, 193, 255) }
```


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

```
.border{ border-color:rgb(95, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 193,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.1324, -12.9524, -38.7662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 193, 255) }
```

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

```
.background{ background-color: rgb(95, 193,  
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