

Converting Colors

HunterLab(75.6697, -3.8266,
-14.5799)

Have a look what the booklet for
HunterLab(75.6697, -3.8266,
-14.5799) contains.

HunterLab(75.7741, -4.0776, -14.2877)	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(75.7741, -4.0776,
-14.2877)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C9EA
RGB	180, 201, 234
RGB Percent	71%, 79%, 92%
CMY	0.2941, 0.2117, 0.0823
CMYK	0.23, 0.14, 0.00, 0.08
HSL	217°, 56%, 81%
HSV	217°, 23%, 92%
XYZ	54.5604, 57.4171, 86.0489
YIQ	198.4830, -23.1090, 5.8110

Conversions

Conversions Part 2

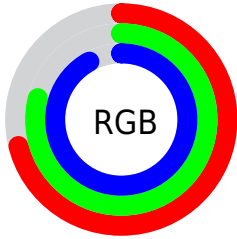
Format	Color
R _Y B	180, 195, 234
Decimal	11848170
CIE Lab	80.41, -0.03, -18.68
CIE LCh	80, 18.677, 269.896
Yxy	57.4195, 0.2755, 0.2900
Android (android.graphics.Color)	4290038250 (0xFFB4C9EA)
YUV	198.4830, 17.5099, -16.2096
Hunter-Lab	75.7741, -4.0776, -14.2877

Details

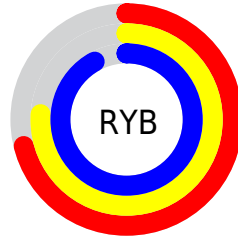
The HunterLab color $75.7741, -4.0776, -14.2877$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $82.6901, -2.3118, 19.9510$, and the grayscale version is $75.2891, -4.0172, 4.0906$.

A 20% lighter version of the original color is $98.2715, -11.4019, 3.2753$, and $53.4017, -2.9564, -13.9096$ is the 20% darker color. If you saturate the color by 10%, you get $69.6307, -2.9409, -23.4279$, and if you desaturate by 10%, it is $82.1275, -4.6925, -5.6723$.

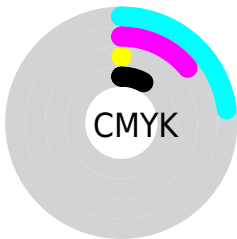
Distribution



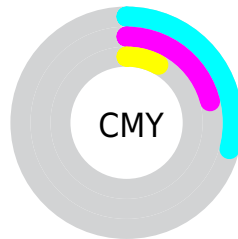
- Red (71%)
- Green (79%)
- Blue (92%)



- Red (71%)
- Yellow (76%)
- Blue (92%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.7741, -4.0776, -14.2877 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 75.7741, -4.0776, -14.2877 by changing the saturation by 10% instead.

■ 75.7741, -4.0776,
-14.2877

■ 75.7741, -4.0776,
-14.2877

203.7202,
-10.9246, -13.1968

■ 64.2978, -3.4640,
-14.1492

■ 100.5370, -5.4043,
-14.3844

■ 53.4663, -2.8837,
-13.9485

113.7655, -6.1123,
-14.3524

■ 43.3223, -2.3400,
-13.6807

127.5281, -6.8488,
-14.2704

■ 33.9160, -1.8355,
-13.3438

141.8049, -7.6127,
-14.1411

■ 25.3104, -1.3737,
-12.9408

156.5779, -8.4030,
-13.9671

■ 17.5887, -0.9588,
-12.4896

171.8310, -9.2190,

■ 10.8664, -0.5968,

-13.7504

-12.0625

187.5496,
-10.0598, -13.4931

■ 2.1433, -0.1834,
-37.5371

0.0000, NaN, -NF

■ 75.7741, -4.0776,
-14.2877

■ 75.7741, -4.0776,
-14.2877

■ 69.6307, -2.9409,
-23.4279

■ 82.1275, -4.6925,
-5.6723

■ 63.7208, -1.1794,
-33.1863

■ 88.6635, -4.8649,
2.4947

■ 58.0801, 1.3239,
-43.6525

■ 95.3648, -4.6633,
10.2854

■ 52.7507, 4.7026,
-54.9056

■ 99.3582, -8.8630,
14.6178

■ 47.7830, 9.0941,
-66.9860

■ 43.2353, 14.6123,
-79.8512

■ 39.1693, 21.2909,
-93.3208

■ 36.6392, 26.4649,
-102.9260

Harmonies

Analogous

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



75.7756, -12.5468, -11.5717



75.7741, -4.0776, -14.2877



75.7756, 4.7873, -11.6077

Triad

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



75.7756, -4.0787, -14.2863



75.7756, 11.5729, 11.8916



75.7756, -18.4673, 11.9377

Complementary

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



75.7741, -4.0776, -14.2877



82.6901, -2.3118, 19.9510

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.



75.7756, -12.4947, 17.0723



75.7741, -4.0776, -14.2877



75.7756, 4.8442, 17.0479

Square

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



75.7756, -4.0787, -14.2863



75.7756, 14.0770, 4.0948



75.7756, -4.0158, 18.8303



75.7756, -20.6135, 4.1546

Rectangle

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



75.7741, -4.0776, -14.2877



75.7756, 9.6718, -7.2845



75.7756, -4.0158, 18.8303



75.7756, -16.8548, 13.9962

Sweetspot

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



75.7756, -4.0787, -14.2863



94.8722, -5.3412, -0.7585



85.6293, -24.4007, 9.0250



43.6896, -2.4667, -0.6025

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.7756, -4.0787, -14.2863



80.0832, -3.9411, -20.7654



69.9633, 8.3920, -22.7095



39.3824, -2.2389, -1.2484



27.8759, 18.8485, -75.5310



8.9001, 2.8827, -17.3474

Inverse Universe

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



73.7248, 18.1811, 1.3060



77.5221, 25.7506, 0.8997



88.7323, -14.7711, 25.5644



38.9244, 2.0821, 1.4938



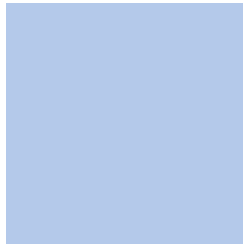
32.0582, 56.2963, 9.8958



9.0850, 16.1473, 1.3055

Previews

White Background



This preview shows how the HunterLab color 75.7741, -4.0776, -14.2877 looks on a white background.

Color Contrast Check

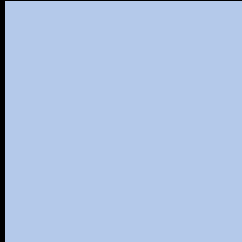
Large Text (above 18pt) WCAG AA × Fail

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 75.7741, -4.0776, -14.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

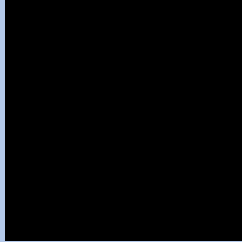
Any Text WCAG AA ✓ Pass

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 75.7741, -4.0776, -14.2877 Background



This preview shows how black text looks on a background with the HunterLab color 75.7741, -4.0776, -14.2877.



This preview shows how white text looks on a background with the HunterLab color 75.7741, -4.0776, -14.2877.

-14.2877.

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

75.7741, -4.0776, -14.2877

Protanopia

75.8629, 0.7730, -12.9060

Deuteranopia

75.7931, 5.3659, -14.6864



Tritanopia

75.6481, -8.7271, -6.6074

Trichromacy



Original Color

75.7741, -4.0776, -14.2877

Protanomaly

75.7769, -1.0013, -13.6422

Deuteranomaly

75.6757, 1.9076, -14.9146

Tritanomaly

75.5925, -6.9674, -9.4138

Monochromacy



Original Color

75.7741, -4.0776, -14.2877

Achromatopsia

75.1473, -4.0097, 4.0829

Achromatomaly

75.2505, -4.3857, -2.2646

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.7741, -4.0776, -14.2877 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(180, 201, 234)` looks like.

```
.text, #text, p{  
    color:rgb(180, 201, 234)  
}
```

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(180, 201, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 201, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 75.7741, -4.0776, -14.2877 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(180, 201, 234) }
```


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

```
.border{ border-color:rgb(180, 201, 234) }
```

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

Here you see how a box with a 4 pixel rgb(180, 201, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 201, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 201, 234);  
box-shadow:4px 4px 4px 4px rgb(180, 201,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.7741, -4.0776, -14.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 201, 234) }
```

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

```
.background{ background-color: rgb(180,  
201, 234) }
```

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