

Converting Colors

HunterLab(64.2834, -21.6616,
-16.4646)

Have a look what the booklet for
HunterLab(64.2834, -21.6616,
-16.4646) contains.

HunterLab(64.2494, -21.6010, -16.4534)	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(64.2494,
-21.6010, -16.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	56B9D1
RGB	86, 185, 209
RGB Percent	34%, 73%, 82%
CMY	0.6627, 0.2745, 0.1804
CMYK	0.59, 0.11, 0.00, 0.18
HSL	192°, 57%, 58%
HSV	192°, 59%, 82%
XYZ	32.6954, 41.2799, 66.5662
YIQ	158.1350, -66.7080, -13.5240

Conversions

Conversions Part 2

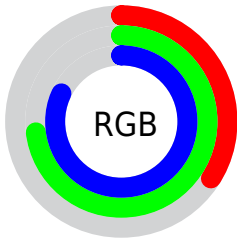
Format	Color
RYB	86, 141, 209
Decimal	5683665
CIELab	70.37, -21.95, -20.83
CIELCh	70, 30.261, 223.490
Yxy	41.2814, 0.2326, 0.2937
Android (android.graphics.Color)	4283873745 (0xFF56B9D1)
YUV	158.1350, 25.0764, -63.2624
Hunter-Lab	64.2494, -21.6010, -16.4534

Details

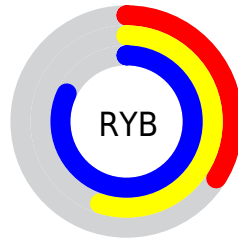
The HunterLab color **64.2494, -21.6010, -16.4534** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **50.3789, 30.7140, 21.2180**, and the grayscale version is **58.4505, -3.1188, 3.1757**.

A 20% lighter version of the original color is **87.3164, -27.3675, -10.9161**, and **43.4386, -17.7990, -15.8715** is the 20% darker color. If you saturate the color by 10%, you get **62.2481, -22.3212, -19.4897**, and if you desaturate by 10%, it is **66.4481, -20.1791, -13.2324**.

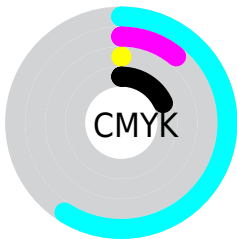
Distribution



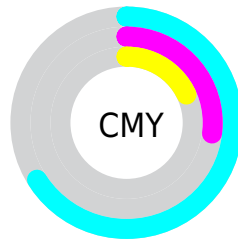
- Red (34%)
- Green (73%)
- Blue (82%)



- Red (34%)
- Yellow (55%)
- Blue (82%)



- Cyan (59%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (66%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2494, -21.6010, -16.4534 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 64.2494, -21.6010, -16.4534 by changing the saturation by 10% instead.

64.2494, -21.6010,
-16.4534

64.2494, -21.6010,
-16.4534

187.4821,
-36.7824, -16.4047

53.4219, -19.8045,
-16.1808

87.8128, -25.0826,
-16.8086

43.2809, -17.9524,
-15.8440

100.4822,
-26.7856, -16.8996

33.8778, -16.0236,
-15.4427

113.7084,
-28.4719, -16.9365

25.2758, -13.9850,
-14.9853

127.4688,
-30.1459, -16.9224

17.5580, -11.7814,
-14.5029

141.7434,
-31.8114, -16.8599

10.8403, -9.8236,
-14.1029

156.5143,

2.0310, -3.5543,

-33.4711, -16.7513

-45.4800

171.7654,
-35.1275, -16.5989

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.2494, -21.6010,
-16.4534

■ 64.2494, -21.6010,
-16.4534

■ 62.2481, -22.3212,
-19.4897

■ 66.4481, -20.1791,
-13.2324

■ 60.4379, -22.3366,
-22.3261

■ 68.8389, -18.0781,
-9.8532

■ 58.8115, -21.6746,
-24.9532

■ 71.4182, -15.3354,
-6.3393

■ 57.3412, -20.4396,
-27.3969

■ 74.1795, -11.9967,
-2.7153

■ 57.1758, -20.2844,

■ 77.1147, -8.1122,

-27.6766

0.9966

■ 80.2152, -3.7329,
4.7764

■ 83.4720, 1.0911,
8.6073

■ 86.8760, 6.3128,
12.4751

■ 88.2889, 4.7933,
13.9778

Harmonies

Analogous

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



64.2506, -27.2901, -2.6854



64.2494, -21.6010, -16.4534



64.2506, -10.8123, -25.7759

Triad

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



64.2506, -21.6011, -16.4523



64.2506, 24.0911, -4.1113



64.2506, -9.5157, 23.5469

Complementary

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



64.2494, -21.6010, -16.4534



50.3789, 30.7140, 21.2180

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.



64.2506, 4.2979, 23.3241



64.2494, -21.6010, -16.4534



64.2506, 24.5127, 9.1208

Square

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



64.2506, -21.6011, -16.4523



64.2506, 15.9046, -17.6846



64.2506, 17.0121, 18.5795



64.2506, -20.7213, 19.2704

Rectangle

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



64.2494, -21.6010, -16.4534



64.2506, -1.8055, -27.2068



64.2506, 17.0121, 18.5795



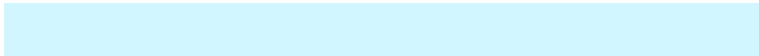
64.2506, -5.0419, 23.9631

Sweetspot

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



64.2506, -21.6011, -16.4523



93.1280, -14.7314, -3.1049



69.7674, -46.9355, 29.9798



42.6018, -7.4250, -2.0613

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.2506, -21.6011, -16.4523



77.2589, -28.0509, -25.4883



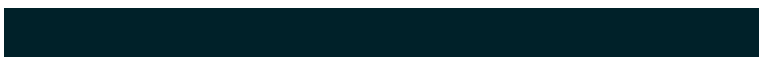
46.0847, 7.1788, -49.0845



36.0537, -3.9093, 0.3686



45.0505, -16.1385, -21.4708



11.1244, -4.4461, -4.3066

Inverse Universe

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



48.6980, 55.4597, -24.9057



55.9472, 82.5492, -35.5966



65.5719, 0.5602, 32.4531



34.5946, 2.4488, -0.4119



31.8121, 60.0188, -22.3857



7.5909, 14.4343, -6.2161

Previews

White Background



This preview shows how the HunterLab color 64.2494, -21.6010, -16.4534 looks on a white background.

Color Contrast Check

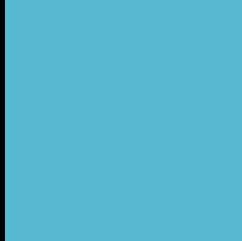
Large Text (above 18pt) WCAG AA × Fail

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 64.2494, -21.6010, -16.4534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

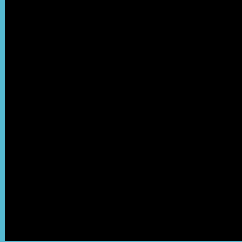
Any Text WCAG AA ✓ Pass

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 64.2494, -21.6010, -16.4534 Background



This preview shows how black text looks on a background with the HunterLab color 64.2494, -21.6010, -16.4534.



This preview shows how white text looks on a background with the HunterLab color 64.2494,

-21.6010, -16.4534.

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

64.2494, -21.6010, -16.4534

Protanopia

64.0156, 0.6496, -10.5867

Deuteranopia

63.9659, 4.5338, -18.8543



Tritanopia

64.1669, -24.1954, -11.9428

Trichromacy



Original Color

64.2494, -21.6010, -16.4534

Protanomaly

63.4745, -8.6449, -13.8139

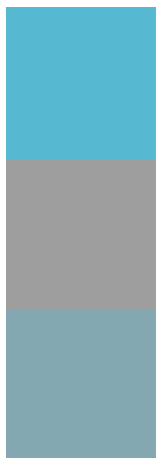
Deuteranomaly

63.5169, -6.2294, -19.1126

Tritanomaly

64.3135, -23.4169, -13.4449

Monochromacy



Original Color

64.2494, -21.6010, -16.4534

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

60.0709, -11.6584, -4.2430

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.2494, -21.6010, -16.4534 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(86, 185, 209)` looks like.

```
.text, #text, p{  
    color:rgb(86, 185, 209)  
}
```

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(86, 185, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 185, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2494, -21.6010, -16.4534 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(86, 185, 209) }
```


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

```
.border{ border-color:rgb(86, 185, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 185, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 185, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 185, 209);  
box-shadow:4px 4px 4px 4px rgb(86, 185,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.2494, -21.6010, -16.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 185, 209) }
```

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

```
.background{ background-color: rgb(86, 185,  
209) }
```

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