

Converting Colors

HunterLab(63.1893, -25.6972,
-25.6350)

Have a look what the booklet for
HunterLab(63.1893, -25.6972,
-25.6350) contains.

HunterLab(63.5124, -25.1180, -25.1625)	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(63.5124,
-25.1180, -25.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	00BADD
RGB	0, 186, 221
RGB Percent	0%, 73%, 87%
CMY	0.9998, 0.2706, 0.1333
CMYK	1.00, 0.16, 0.00, 0.13
HSL	190°, 100%, 43%
HSV	190°, 100%, 87%
XYZ	30.6100, 40.3382, 74.5793
YIQ	134.3760, -122.0910, -28.5470

Conversions

Conversions Part 2

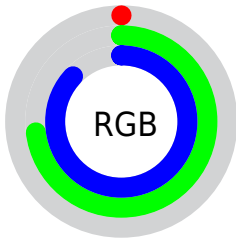
Format	Color
RYB	0, 101, 221
Decimal	47837
CIELab	69.71, -26.71, -28.52
CIELCh	70, 39.079, 226.876
Yxy	40.3397, 0.2103, 0.2772
Android (android.graphics.Color)	4278237917 (0xFF00BADD)
YUV	134.3760, 42.7056, -117.8478
Hunter-Lab	63.5124, -25.1180, -25.1625

Details

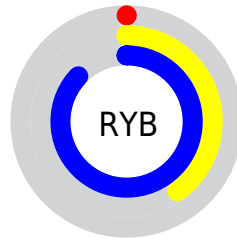
The HunterLab color **63.5124, -25.1180, -25.1625** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **40.7156, 62.1199, 26.1740**, and the grayscale version is **48.8528, -2.6067, 2.6543**.

A 20% lighter version of the original color is **85.9361, -34.3484, -12.9208**, and **44.1908, -15.6518, -21.4470** is the 20% darker color. If you saturate the color by 10%, you get **63.5104, -25.1150, -25.1664**, and if you desaturate by 10%, it is **64.8112, -26.1360, -23.1011**.

Distribution



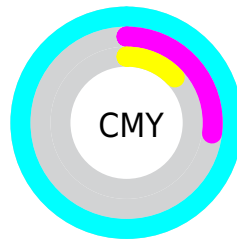
- Red (0%)
- Green (73%)
- Blue (87%)



- Red (0%)
- Yellow (40%)
- Blue (87%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.5124, -25.1180, -25.1625 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 63.5124, -25.1180, -25.1625 by changing the saturation by 10% instead.

63.5124, -25.1180,
-25.1625

63.5124, -25.1180,
-25.1625

186.4278,
-42.2587, -27.1461

52.7290, -23.0360,
-24.6741

86.9945, -29.1134,
-25.9724

42.6352, -20.8743,
-24.1397

99.6262, -31.0517,
-26.2941

33.2830, -18.6042,
-23.5754

112.8163,
-32.9614, -26.5614

24.7367, -16.1816,
-23.0232

126.5420,
-34.8489, -26.7759

17.0809, -13.5332,
-22.5902

140.7831,
-36.7187, -26.9396

10.4348, -11.9373,
-22.5961

155.5217,

0.0000, NaN, -NF

-38.5750, -27.0546

0.0000, NaN, -NF

170.7415,
-40.4208, -27.1228

0.0000, NaN, NaN

■ 63.5124, -25.1180,
-25.1625

■ 63.5124, -25.1180,
-25.1625

■ 63.5104, -25.1150,
-25.1664

■ 64.8112, -26.1360,
-23.1011

■ 66.2595, -26.5911,
-20.8486

■ 67.8962, -26.3404,
-18.3602

■ 69.7341, -25.3426,
-15.6358

■ 71.7791, -23.5889,
-12.6879

■ 74.0323, -21.0950,
-9.5361

■ 76.4912, -17.8937,
-6.2038

■ 79.1504, -14.0299,
-2.7161

■ 82.0030, -9.5552,
0.9025

Harmonies

Analogous

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



63.5135, -32.9139, -6.7291



63.5124, -25.1180, -25.1625



63.5135, -10.9717, -37.0802

Triad

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



63.5135, -25.1177, -25.1614



63.5135, 33.4573, -4.3812



63.5135, -13.0172, 27.3722

Complementary

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



63.5124, -25.1180, -25.1625



40.7156, 62.1199, 26.1740

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.



63.5135, 4.5600, 27.6778



63.5124, -25.1180, -25.1625



63.5135, 32.7536, 12.1937

Square

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



63.5135, -25.1177, -25.1614



63.5135, 23.5417, -23.0403



63.5135, 21.7134, 22.9112



63.5135, -26.4727, 21.9157

Rectangle

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



63.5124, -25.1180, -25.1625



63.5135, 0.7533, -38.0577



63.5135, 21.7134, 22.9112



63.5135, -7.4343, 28.0150

Sweetspot

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



63.5135, -25.1177, -25.1614



89.8749, -21.1533, -7.4021



71.9894, -61.1797, 42.0916



40.9994, -10.5682, -4.2052

0.0000, NaN, NaN



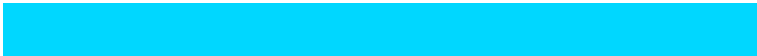
46.2646, -2.4686, 2.5136

Same Dimension

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



63.5135, -25.1177, -25.1614



74.5795, -29.3910, -29.7712



32.5311, 29.3979, -104.1167



38.0262, -4.3013, 0.5108



48.5487, -19.3301, -18.9534



12.7408, -5.4201, -4.2244

Inverse Universe

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



43.4957, 82.6314, -35.0764



51.1333, 97.1227, -41.0306



59.3456, 15.6835, 36.8415



36.3835, 2.6647, -0.6141



33.1710, 63.0563, -27.0143



8.5004, 16.2516, -7.6423

Previews

White Background



This preview shows how the HunterLab color 63.5124, -25.1180, -25.1625 looks on a white background.

Color Contrast Check

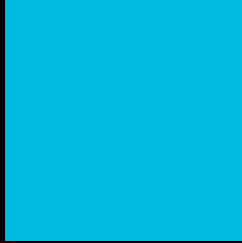
Large Text (above 18pt) WCAG AA × Fail

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 63.5124, -25.1180, -25.1625 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

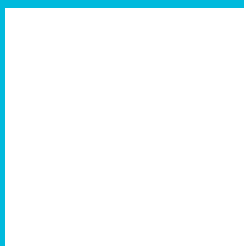
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.5124, -25.1180, -25.1625 Background



This preview shows how black text looks on a background with the HunterLab color 63.5124, -25.1180, -25.1625.



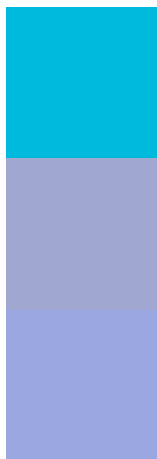
This preview shows how white text looks on a background with the HunterLab color 63.5124,

-25.1180, -25.1625.

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

63.5124, -25.1180, -25.1625

Protanopia

62.9802, 2.3064, -17.3295

Deuteranopia

63.2010, 4.4490, -27.8040



Tritanopia

63.4651, -30.1669, -14.2042

Trichromacy



Original Color

63.5124, -25.1180, -25.1625



Protanomaly

61.5638, -13.1403, -22.9205



Deuteranomaly

61.8471, -11.1780, -29.6911



Tritanomaly

63.3986, -28.1622, -18.4485

Monochromacy



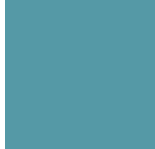
Original Color

63.5124, -25.1180, -25.1625



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

52.4089, -16.7158, -8.8116

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.5124, -25.1180, -25.1625 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(0, 186, 221)` looks like.

```
.text, #text, p{  
  color:rgb(0, 186, 221)  
}
```

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(0, 186, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 63.5124, -25.1180, -25.1625 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(0, 186, 221) }
```


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

```
.border{ border-color:rgb(0, 186, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.5124, -25.1180, -25.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 221) }
```

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

```
.background{ background-color: rgb(0, 186,  
221) }
```

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