

Converting Colors

HunterLab(58.7645, -42.0302,
-46.2539)

Have a look what the booklet for
HunterLab(58.7645, -42.0302,
-46.2539) contains.

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Color

**HunterLab(64.2580,
-20.8054, -35.4039)**

Conversions

Conversions Part 1

Format	Color
Hex	00BAEE
RGB	0, 186, 238
RGB Percent	0%, 73%, 93%
CMY	0.9997, 0.2706, 0.0667
CMYK	1.00, 0.22, 0.00, 0.07
HSL	193°, 100%, 47%
HSV	193°, 100%, 93%
XYZ	32.9916, 41.2909, 87.1200
YIQ	136.3140, -127.5480, -23.2600

Conversions

Conversions Part 2

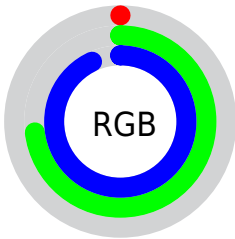
Format	Color
RYB	0, 104, 238
Decimal	47854
CIELab	70.38, -20.93, -36.74
CIELCh	70, 42.287, 240.330
Yxy	41.2923, 0.2044, 0.2558
Android (android.graphics.Color)	4278237934 (0xFF00BAEE)
YUV	136.3140, 50.1312, -119.5474
Hunter-Lab	64.2580, -20.8054, -35.4039

Details

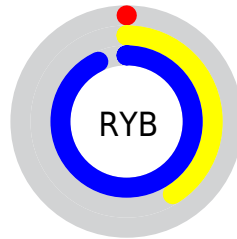
The HunterLab color **64.2580, -20.8054, -35.4039** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **45.4306, 63.8745, 29.1098**, and the grayscale version is **49.5955, -2.6463, 2.6946**.

A 20% lighter version of the original color is **86.0461, -33.9279, -12.7622**, and **44.8915, -11.6357, -30.9924** is the 20% darker color. If you saturate the color by 10%, you get **64.2539, -20.7994, -35.4118**, and if you desaturate by 10%, it is **66.1182, -22.6166, -32.1903**.

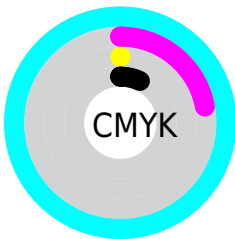
Distribution



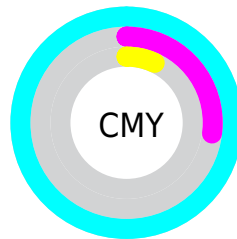
- Red (0%)
- Green (73%)
- Blue (93%)



- Red (0%)
- Yellow (41%)
- Blue (93%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2580, -20.8054, -35.4039 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 64.2580, -20.8054, -35.4039 by changing the saturation by 10% instead.

64.2580, -20.8054,
-35.4039

64.2580, -20.8054,
-35.4039

187.4942,
-35.5718, -39.1816

53.4299, -19.0678,
-34.7672

87.8222, -24.1783,
-36.5734

43.2884, -17.2802,
-34.1240

100.4921,
-25.8317, -37.0919

33.8847, -15.4219,
-33.5174

113.7187,
-27.4707, -37.5617

25.2821, -13.4621,
-33.0420

127.4795,
-29.0996, -37.9820

17.5635, -11.3488,
-32.9201

141.7545,
-30.7217, -38.3532

10.8450, -9.4118,
-33.7744

156.5258,

2.0517, -3.5905,

-32.3397, -38.6760

-106.4984

171.7773,
-33.9558, -38.9517

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.2580, -20.8054,
-35.4039

■ 64.2580, -20.8054,
-35.4039

■ 64.2539, -20.7994,
-35.4118

■ 66.1182, -22.6166,
-32.1903

■ 68.1588, -23.7738,
-28.7815

■ 70.4181, -24.1336,
-25.1381

■ 72.9060, -23.6620,
-21.2726

■ 75.6250, -22.3626,

-17.2094

■ 78.5718, -20.2645,
-12.9784

■ 81.7399, -17.4135,
-8.6105

■ 85.1204, -13.8654,
-4.1351

■ 88.7032, -9.6804,
0.4215

Harmonies

Analogous

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



64.2591, -32.4534, -17.0270



64.2580, -20.8054, -35.4039



64.2591, -3.2178, -42.8194

Triad

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



64.2591, -20.8049, -35.4027



64.2591, 38.0913, 3.7012



64.2591, -21.1349, 27.1331

Complementary

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



64.2580, -20.8054, -35.4039



45.4306, 63.8745, 29.1098

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.



64.2591, -3.6462, 29.7498



64.2580, -20.8054, -35.4039



64.2591, 31.8750, 18.9055

Square

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



64.2591, -20.8049, -35.4027



64.2591, 32.1333, -16.5668



64.2591, 16.0080, 27.2490



64.2591, -32.6275, 18.6458

Rectangle

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



64.2580, -20.8054, -35.4039



64.2591, 9.9894, -39.2415



64.2591, 16.0080, 27.2490



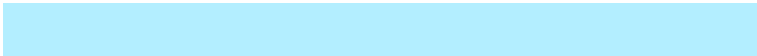
64.2591, -15.8352, 28.5933

Sweetspot

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



64.2591, -20.8049, -35.4027



88.3501, -18.8808, -9.3791



78.3548, -66.0737, 44.7006



40.1914, -9.3809, -5.2711

0.0000, NaN, NaN



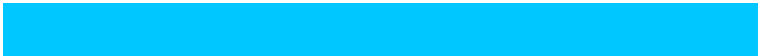
46.2646, -2.4686, 2.5136

Same Dimension

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



64.2591, -20.8049, -35.4027



69.4204, -22.3985, -38.4175



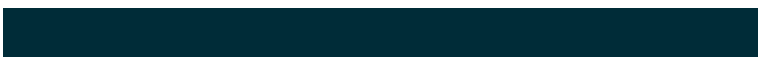
32.0084, 41.4069, -129.3857



41.6035, -4.4275, 0.3030



48.1995, -15.8228, -26.0883



14.4082, -5.2561, -6.6625

Inverse Universe

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



46.6091, 87.4176, -28.8441



50.3946, 94.5095, -31.0576



68.6639, 9.1576, 42.4690



39.9610, 2.8680, -0.4017



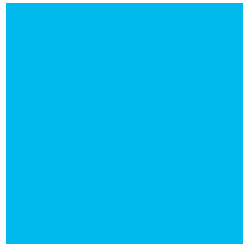
34.8405, 65.3989, -21.9313



10.1207, 19.1169, -7.2962

Previews

White Background



This preview shows how the HunterLab color 64.2580, -20.8054, -35.4039 looks on a white background.

Color Contrast Check

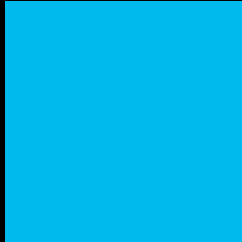
Large Text (above 18pt) WCAG AA × Fail

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 64.2580, -20.8054, -35.4039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

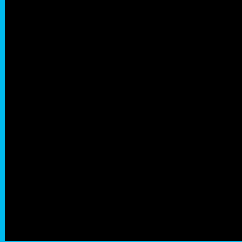
Any Text WCAG AA ✓ Pass

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 64.2580, -20.8054, -35.4039 Background



This preview shows how black text looks on a background with the HunterLab color 64.2580, -20.8054, -35.4039.



This preview shows how white text looks on a background with the HunterLab color 64.2580,

-20.8054, -35.4039.

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

64.2580, -20.8054, -35.4039

Protanopia

63.9375, 3.9374, -26.5893

Deuteranopia

63.8800, 5.2692, -38.5137



Tritanopia

64.2142, -30.5586, -14.2950

Trichromacy



Original Color

64.2580, -20.8054, -35.4039

Protanomaly

62.4706, -10.0066, -32.7325

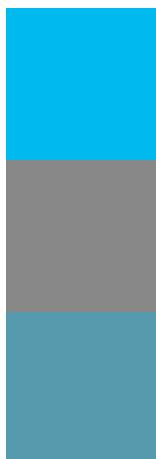
Deuteranomaly

62.6786, -8.2446, -40.2420

Tritanomaly

64.3467, -27.3828, -21.3161

Monochromacy



Original Color

64.2580, -20.8054, -35.4039

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

53.0609, -15.3859, -11.7499

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.2580, -20.8054, -35.4039 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 238) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2580, -20.8054, -35.4039 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, 238) }
```


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

```
.border{ border-color:rgb(0, 186, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
238) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.2580, -20.8054, -35.4039 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, 238) }
```

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

```
.background{ background-color: rgb(0, 186,  
238) }
```

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](#).

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