

Converting Colors

HunterLab(47.5571, -0.2171,
-58.9737)

Have a look what the booklet for
HunterLab(47.5571, -0.2171,
-58.9737) contains.

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Color

**HunterLab(47.6548, -0.5467,
-58.3841)**

Conversions

Conversions Part 1

Format	Color
Hex	0087E0
RGB	0, 135, 224
RGB Percent	0%, 53%, 88%
CMY	0.9998, 0.4706, 0.1216
CMYK	1.00, 0.40, 0.00, 0.12
HSL	204°, 100%, 44%
HSV	204°, 100%, 88%
XYZ	22.1186, 22.7098, 73.7387
YIQ	104.7810, -109.0290, -0.9410

Conversions

Conversions Part 2

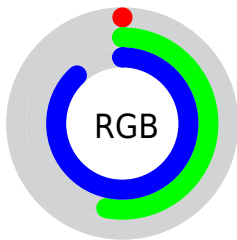
Format	Color
R _Y B	0, 84, 224
Decimal	34784
CIE Lab	54.77, 2.49, -53.61
CIE LCh	55, 53.670, 272.664
Yxy	22.7105, 0.1866, 0.1915
Android (android.graphics.Color)	4278224864 (0xFF0087E0)
YUV	104.7810, 58.7750, -91.8929
Hunter-Lab	47.6548, -0.5467, -58.3841

Details

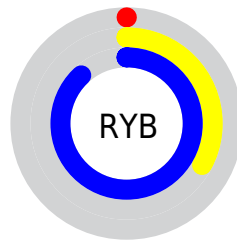
The HunterLab color **47.6548, -0.5467, -58.3841** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **47.9603, 43.7959, 30.3176**, and the grayscale version is **37.3230, -1.9915, 2.0278**.

A 20% lighter version of the original color is **67.9187, -9.1534, -40.8974**, and **30.7940, 6.3697, -52.2403** is the 20% darker color. If you saturate the color by 10%, you get **47.6484, -0.5355, -58.4003**, and if you desaturate by 10%, it is **50.4727, -4.3184, -51.8159**.

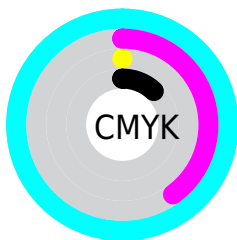
Distribution



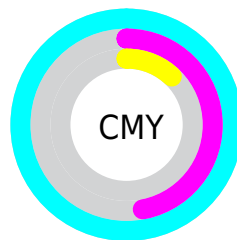
- Red (0%)
- Green (53%)
- Blue (88%)



- Red (0%)
- Yellow (33%)
- Blue (88%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (47%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6548, -0.5467, -58.3841 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 47.6548, -0.5467, -58.3841 by changing the saturation by 10% instead.

■ 47.6548, -0.5467,
-58.3841

■ 47.6548, -0.5467,
-58.3841

■ 163.1669, -5.7147,
-64.8202

■ 37.9208, -0.1699,
-58.0188

■ 69.2225, -1.4366,
-59.6850

■ 28.9575, 0.1525,
-58.0997

■ 80.9708, -1.9444,
-60.4475

■ 20.8387, 0.4139,
-59.0852

■ 93.3175, -2.4898,
-61.2264

■ 13.6636, 0.6028,
-62.1159

■ 106.2349, -3.0707,
-61.9994

■ 7.2690, 1.1071,
-74.3061

■ 119.6987, -3.6851,
-62.7525

0.0000, NaN, -NF

0.0000, NaN, -NF

133.6877, -4.3316,

-63.4770

0.0000, NaN, -NF

148.1828, -5.0085,
-64.1673

0.0000, NaN, NaN

■ 47.6548, -0.5467,
-58.3841

■ 47.6548, -0.5467,
-58.3841

■ 47.6484, -0.5355,
-58.4003

■ 50.4727, -4.3184,
-51.8159

■ 53.5308, -7.3476,
-45.2520

■ 56.8526, -9.5206,
-38.6794

■ 60.4295, -10.8520,
-32.1455

■ 64.2468, -11.3910,
-25.6916

■ 68.2875, -11.2037,
-19.3474

■ 72.5344, -10.3622,
-13.1308

■ 76.9706, -8.9377,
-7.0499

■ 81.5804, -6.9968,
-1.1058

Harmonies

Analogous

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



47.6555, -20.6011, -49.3927



47.6548, -0.5467, -58.3841



47.6555, 22.7426, -45.7969

Triad

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



47.6555, -0.5456, -58.3830



47.6555, 38.9637, 19.7140



47.6555, -34.8380, 17.7238

Complementary

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



47.6548, -0.5467, -58.3841



47.9603, 43.7959, 30.3176

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.



47.6555, -23.4593, 25.6764



47.6548, -0.5467, -58.3841



47.6555, 18.6769, 26.4006

Square

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



47.6555, -0.5456, -58.3830



47.6555, 48.0134, 4.4425



47.6555, -4.5126, 27.9377



47.6555, -38.1206, 0.6684

Rectangle

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



47.6548, -0.5467, -58.3841



47.6555, 36.3523, -29.1779



47.6555, -4.5126, 27.9377



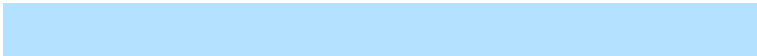
47.6555, -31.9503, 21.2307

Sweetspot

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



47.6555, -0.5456, -58.3830



83.8911, -12.0340, -15.3814



73.4727, -59.7445, 37.1396



37.8336, -5.7960, -8.5228

0.0000, NaN, NaN



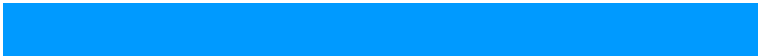
46.2646, -2.4686, 2.5136

Same Dimension

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



47.6555, -0.5456, -58.3830



54.9712, -0.2488, -68.1720



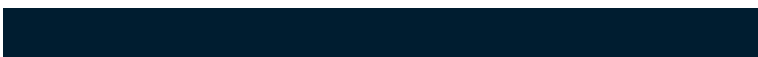
24.7573, 56.3810, -152.6463



38.2236, -3.2142, -0.3715



36.6682, -0.9440, -43.7942



10.5140, -1.6430, -9.5948

Inverse Universe

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



41.9499, 76.0027, -5.2170



48.5610, 87.9430, -5.6814



74.9521, -9.9317, 46.0100



37.2002, 2.3277, 0.4665



32.0396, 58.1182, -4.4849



8.5385, 15.6726, -2.6239

Previews

White Background



This preview shows how the HunterLab color 47.6548, -0.5467, -58.3841 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6548, -0.5467, -58.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

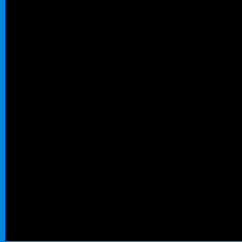
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 47.6548, -0.5467, -58.3841 Background



This preview shows how black text looks on a background with the HunterLab color 47.6548, -0.5467, -58.3841.

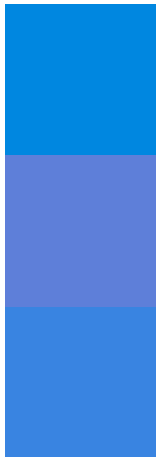


This preview shows how white text looks on a background with the HunterLab color 47.6548, -0.5467, -58.3841.

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

47.6548, -0.5467, -58.3841

Protanopia

47.5060, 9.7850, -52.4850

Deuteranopia

47.7584, 4.3648, -58.9293



Tritanopia

47.5577, -23.0158, -9.7586

Trichromacy



Original Color

47.6548, -0.5467, -58.3841

Protanomaly

47.0034, 4.1939, -56.3727

Deuteranomaly

47.5251, 2.1115, -59.5465

Tritanomaly

47.2705, -15.6476, -25.3054

Monochromacy



Original Color

47.6548, -0.5467, -58.3841

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

39.7771, -7.2093, -17.3766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6548, -0.5467, -58.3841 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, 135, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 224)  
}
```

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, 135, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6548, -0.5467, -58.3841 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, 135, 224) }
```


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

```
.border{ border-color:rgb(0, 135, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 135, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 135,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6548, -0.5467, -58.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 135, 224) }
```

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

```
.background{ background-color: rgb(0, 135,  
224) }
```

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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