

Converting Colors

HunterLab(45.1422, -11.1212,
-64.7820)

Have a look what the booklet for
HunterLab(45.1422, -11.1212,
-64.7820) contains.

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Color

HunterLab(47.9480, -1.0448,
-57.6755)

Conversions

Conversions Part 1

Format	Color
Hex	0088E0
RGB	0, 136, 224
RGB Percent	0%, 53%, 88%
CMY	0.9998, 0.4667, 0.1216
CMYK	1.00, 0.39, 0.00, 0.12
HSL	204°, 100%, 44%
HSV	204°, 100%, 88%
XYZ	22.2587, 22.9901, 73.7853
YIQ	105.3680, -109.3040, -1.4640

Conversions

Conversions Part 2

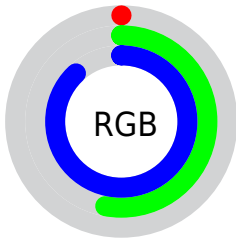
Format	Color
RYB	0, 85, 224
Decimal	35040
CIELab	55.06, 1.89, -53.15
CIElCh	55, 53.183, 272.039
Yxy	22.9908, 0.1870, 0.1931
Android (android.graphics.Color)	4278225120 (0xFF0088E0)
YUV	105.3680, 58.4856, -92.4077
Hunter-Lab	47.9480, -1.0448, -57.6755

Details

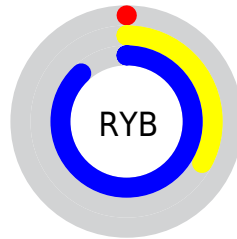
The HunterLab color **47.9480, -1.0448, -57.6755** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **47.7871, 44.2522, 30.2189**, and the grayscale version is **37.5461, -2.0034, 2.0400**.

A 20% lighter version of the original color is **68.2336, -9.6500, -40.3309**, and **31.0541, 5.8723, -51.4916** is the 20% darker color. If you saturate the color by 10%, you get **47.9419, -1.0342, -57.6907**, and if you desaturate by 10%, it is **50.7428, -4.7577, -51.2160**.

Distribution



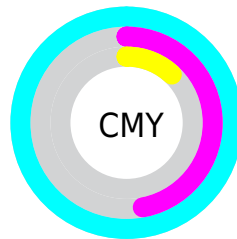
- Red (0%)
- Green (53%)
- Blue (88%)



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



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9480, -1.0448, -57.6755 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 47.9480, -1.0448, -57.6755 by changing the saturation by 10% instead.

■ 47.9480, -1.0448,
-57.6755

■ 47.9480, -1.0448,
-57.6755

■ 163.6086, -6.4622,
-64.0876

■ 38.1926, -0.6320,
-57.2858

■ 69.5545, -1.9998,
-58.9933

■ 29.2059, -0.2707,
-57.3202

■ 81.3206, -2.5374,
-59.7558

■ 21.0614, 0.0336,
-58.2156

■ 93.6842, -3.1112,
-60.5316

■ 13.8572, 0.2710,
-61.0525

■ 106.6177, -3.7193,
-61.2993

■ 7.4866, 0.7017,
-71.9422

■ 120.0971, -4.3598,
-62.0456

0.0000, NaN, -NF

0.0000, NaN, -NF

134.1010, -5.0314,

-62.7622

0.0000, NaN, -NF

148.6105, -5.7325,
-63.4440

0.0000, NaN, NaN

■ 47.9480, -1.0448,
-57.6755

■ 47.9480, -1.0448,
-57.6755

■ 47.9419, -1.0342,
-57.6907

■ 50.7428, -4.7577,
-51.2160

■ 53.7751, -7.7326,
-44.7533

■ 57.0689, -9.8553,
-38.2730

■ 60.6163, -11.1391,
-31.8220

■ 64.4030, -11.6318,
-25.4415

■ 68.4127, -11.3985,
-19.1616

■ 72.6281, -10.5103,
-13.0012

■ 77.0327, -9.0380,
-6.9695

■ 81.6111, -7.0479,
-1.0685

Harmonies

Analogous

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



47.9487, -20.8549, -48.3882



47.9480, -1.0448, -57.6755



47.9487, 22.0523, -45.6735

Triad

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



47.9487, -1.0438, -57.6744



47.9487, 38.9042, 19.4476



47.9487, -34.5417, 17.9238

Complementary

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



47.9480, -1.0448, -57.6755



47.7871, 44.2522, 30.2189

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.



47.9487, -23.0332, 25.7484



47.9480, -1.0448, -57.6755



47.9487, 18.9676, 26.3075

Square

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



47.9487, -1.0438, -57.6744



47.9487, 47.5584, 4.0224



47.9487, -4.0596, 27.9453



47.9487, -37.9846, 1.1533

Rectangle

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



47.9480, -1.0448, -57.6755



47.9487, 35.6297, -29.3941



47.9487, -4.0596, 27.9453



47.9487, -31.6048, 21.3736

Sweetspot

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



47.9487, -1.0438, -57.6744



84.0011, -12.2067, -15.2291



73.4727, -59.7446, 37.1398



37.8916, -5.8866, -8.4400

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.9487, -1.0438, -57.6744



55.3130, -0.8317, -67.3411



24.7570, 56.3816, -152.6478



38.2374, -3.2367, -0.3548



36.8896, -1.3169, -43.2659



10.5649, -1.7221, -9.4876

Inverse Universe

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



41.9836, 76.1247, -5.6919



48.6002, 88.0845, -6.2331



74.9520, -9.9315, 46.0099



37.2016, 2.3354, 0.4461



32.0653, 58.2108, -4.8457



8.5448, 15.6953, -2.7119

Previews

White Background



This preview shows how the HunterLab color 47.9480, -1.0448, -57.6755 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 47.9480, -1.0448, -57.6755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

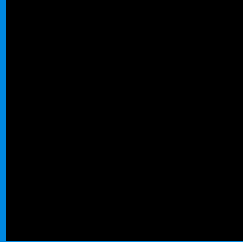
Any Text WCAG AA ✓ Pass

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 47.9480, -1.0448, -57.6755 Background



This preview shows how black text looks on a background with the HunterLab color 47.9480, -1.0448, -57.6755.



This preview shows how white text looks on a background with the HunterLab color 47.9480, -1.0448,

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

47.9480, -1.0448, -57.6755

Protanopia

47.8341, 9.4430, -51.7268

Deuteranopia

48.1373, 4.1680, -58.0032



Tritanopia

47.9146, -23.2027, -9.8011

Trichromacy



Original Color

47.9480, -1.0448, -57.6755

Protanomaly

47.2870, 3.6839, -55.6948

Deuteranomaly

47.8524, 1.7365, -58.7436

Tritanomaly

47.6258, -15.8313, -25.3530

Monochromacy



Original Color

47.9480, -1.0448, -57.6755

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 47.9480, -1.0448, -57.6755 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, 136, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 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, 136, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9480, -1.0448, -57.6755 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, 136, 224) }
```


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

```
.border{ border-color:rgb(0, 136, 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, 136, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 136,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9480, -1.0448, -57.6755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 224) }
```

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

```
.background{ background-color: rgb(0, 136,  
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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