

Converting Colors

HunterLab(42.0403, -16.2791,
-56.9708)

Have a look what the booklet for
HunterLab(42.0403, -16.2791,
-56.9708) contains.

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Color

**HunterLab(45.4850, -4.0275,
-48.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	0083CE
RGB	0, 131, 206
RGB Percent	0%, 51%, 81%
CMY	0.9998, 0.4863, 0.1922
CMYK	1.00, 0.36, 0.00, 0.19
HSL	202°, 100%, 40%
HSV	202°, 100%, 81%
XYZ	19.2569, 20.6889, 61.3710
YIQ	100.3810, -102.1510, -4.4470

Conversions

Conversions Part 2

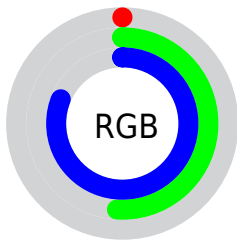
Format	Color
RYB	0, 80, 206
Decimal	33742
CIELab	52.61, -2.05, -46.92
CIELCh	53, 46.964, 267.493
Yxy	20.6895, 0.1901, 0.2042
Android (android.graphics.Color)	4278223822 (0xFF0083CE)
YUV	100.3810, 52.0702, -88.0341
Hunter-Lab	45.4850, -4.0275, -48.1580

Details

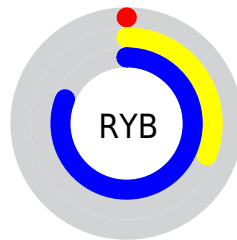
The HunterLab color **45.4850, -4.0275, -48.1580** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **42.6153, 42.5935, 27.0031**, and the grayscale version is **35.6853, -1.9041, 1.9389**.

A 20% lighter version of the original color is **66.4482, -7.9294, -43.6098**, and **28.7558, 3.0813, -42.5939** is the 20% darker color. If you saturate the color by 10%, you get **45.4802, -4.0194, -48.1695**, and if you desaturate by 10%, it is **47.8889, -7.0092, -42.9087**.

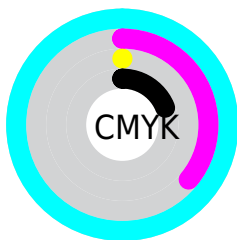
Distribution



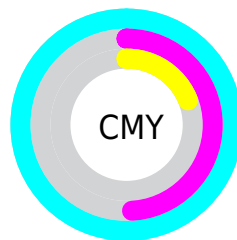
- Red (0%)
- Green (51%)
- Blue (81%)



- Red (0%)
- Yellow (31%)
- Blue (81%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.4850, -4.0275, -48.1580 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 45.4850, -4.0275, -48.1580 by changing the saturation by 10% instead.

■ 45.4850, -4.0275,
-48.1580

■ 45.4850, -4.0275,
-48.1580

159.8824,
-10.9776, -54.0604

■ 35.9127, -3.3926,
-47.6556

■ 66.7609, -5.3838,
-49.5186

■ 27.1253, -2.7893,
-47.4723

■ 78.3756, -6.1050,
-50.2473

■ 19.2012, -2.2172,
-47.9821

■ 90.5953, -6.8535,
-50.9664

■ 12.2474, -1.6755,
-50.1642

■ 103.3913, -7.6285,
-51.6608

■ 5.3733, -1.9531,
-70.2880

■ 116.7387, -8.4291,
-52.3215

0.0000, NaN, -NF

0.0000, NaN, -NF

130.6157, -9.2545,

-52.9434

0.0000, NaN, NaN

145.0027,
-10.1043, -53.5235

0.0000, NaN, NaN

■ 45.4850, -4.0275,
-48.1580

■ 45.4850, -4.0275,
-48.1580

■ 45.4802, -4.0194,
-48.1695

■ 47.8889, -7.0092,
-42.9087

■ 50.4896, -9.3599,
-37.6234

■ 53.3142, -10.9638,
-32.2780

■ 56.3585, -11.8273,
-26.9096

■ 59.6126, -11.9866,
-21.5540

■ 63.0638, -11.4941,
-16.2404

■ 66.6986, -10.4090,
-10.9898

■ 70.5035, -8.7917,
-5.8156

■ 74.4656, -6.6995,
-0.7249

Harmonies

Analogous

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



45.4857, -20.5495, -37.9968



45.4850, -4.0275, -48.1580



45.4857, 15.8179, -40.7585

Triad

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



45.4857, -4.0267, -48.1570



45.4857, 34.9951, 15.8431



45.4857, -29.4681, 17.5465

Complementary

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



45.4850, -4.0275, -48.1580



42.6153, 42.5935, 27.0031

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.



45.4857, -18.1882, 23.8570



45.4850, -4.0275, -48.1580



45.4857, 19.0632, 23.1976

Square

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



45.4857, -4.0267, -48.1570



45.4857, 40.4375, 0.9192



45.4857, -0.8099, 25.3903



45.4857, -33.6410, 3.9795

Rectangle

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



45.4850, -4.0275, -48.1580



45.4857, 27.9713, -28.0624



45.4857, -0.8099, 25.3903



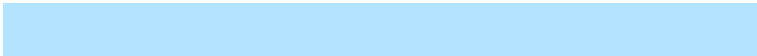
45.4857, -26.4839, 20.3351

Sweetspot

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



45.4857, -4.0267, -48.1570



84.7113, -13.3173, -14.2511



66.7929, -54.7638, 34.7366



38.2666, -6.4689, -7.9086

0.0000, NaN, NaN



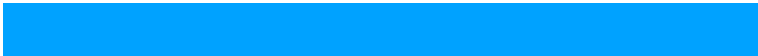
46.2646, -2.4686, 2.5136

Same Dimension

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



45.4857, -4.0267, -48.1570



57.5411, -4.5467, -62.1063



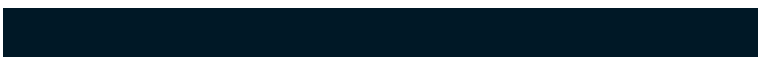
23.3098, 48.2650, -133.3181



34.6601, -3.0451, -0.1989



35.9540, -3.5843, -37.2018



8.9896, -2.0869, -6.7312

Inverse Universe

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



38.4210, 70.0551, -8.2354



48.8606, 89.0242, -9.8914



66.1997, -5.8232, 40.6888



33.6626, 2.1101, 0.3026



30.1794, 55.0893, -6.9023



6.9579, 12.8828, -3.0007

Previews

White Background



This preview shows how the HunterLab color 45.4850, -4.0275, -48.1580 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 45.4850, -4.0275, -48.1580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

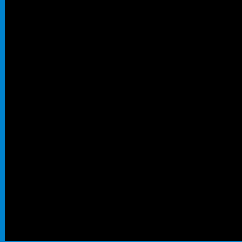
Any Text WCAG AA ✓ Pass

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 45.4850, -4.0275, -48.1580 Background



This preview shows how black text looks on a background with the HunterLab color 45.4850, -4.0275, -48.1580.



This preview shows how white text looks on a background with the HunterLab color 45.4850, -4.0275, -48.1580.

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

45.4850, -4.0275, -48.1580

Protanopia

45.2582, 7.4739, -41.9714

Deuteranopia

45.5701, 3.7712, -48.6582



Tritanopia

45.4259, -21.8994, -9.5039

Trichromacy



Original Color

45.4850, -4.0275, -48.1580

Protanomaly

44.5829, 1.2574, -45.9932

Deuteranomaly

45.2783, -0.1395, -49.4014

Tritanomaly

45.2886, -15.9570, -22.1603

Monochromacy



Original Color

45.4850, -4.0275, -48.1580

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

37.8457, -7.4668, -15.0769

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.4850, -4.0275, -48.1580 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, 131, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 206)  
}
```

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, 131, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 45.4850, -4.0275, -48.1580 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, 131, 206) }
```


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

```
.border{ border-color:rgb(0, 131, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 131, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.4850, -4.0275, -48.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 206) }
```

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

```
.background{ background-color: rgb(0, 131,  
206) }
```

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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