

Converting Colors

HunterLab(43.7946, -7.2647,
-50.2512)

Have a look what the booklet for
HunterLab(43.7946, -7.2647,
-50.2512) contains.

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Color

**HunterLab(44.7886, -3.6565,
-48.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	0081CC
RGB	0, 129, 204
RGB Percent	0%, 51%, 80%
CMY	0.9998, 0.4941, 0.2000
CMYK	1.00, 0.37, 0.00, 0.20
HSL	202°, 100%, 40%
HSV	202°, 100%, 80%
XYZ	18.7494, 20.0602, 60.0106
YIQ	98.9790, -100.9590, -4.0230

Conversions

Conversions Part 2

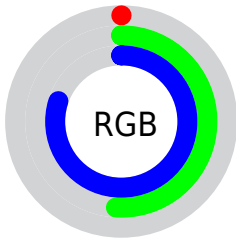
Format	Color
RYB	0, 79, 204
Decimal	33228
CIELab	51.91, -1.63, -46.90
CIELCh	52, 46.928, 268.008
Yxy	20.0608, 0.1897, 0.2030
Android (android.graphics.Color)	4278223308 (0xFF0081CC)
YUV	98.9790, 51.7754, -86.8046
Hunter-Lab	44.7886, -3.6565, -48.0885

Details

The HunterLab color **44.7886, -3.6565, -48.0885** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **42.2800, 41.7797, 26.7823**, and the grayscale version is **35.1599, -1.8760, 1.9103**.

A 20% lighter version of the original color is **65.5137, -6.4284, -45.3635**, and **28.1198, 3.4359, -42.5645** is the 20% darker color. If you saturate the color by 10%, you get **44.7840, -3.6486, -48.0997**, and if you desaturate by 10%, it is **47.1841, -6.6389, -42.8258**.

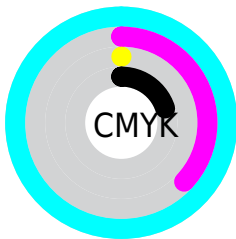
Distribution



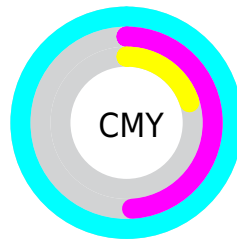
- Red (0%)
- Green (51%)
- Blue (80%)



- Red (0%)
- Yellow (31%)
- Blue (80%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.7886, -3.6565, -48.0885 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 44.7886, -3.6565, -48.0885 by changing the saturation by 10% instead.

■ 44.7886, -3.6565,
-48.0885

■ 44.7886, -3.6565,
-48.0885

158.8220,
-10.4156, -53.9941

■ 35.2693, -3.0493,
-47.6010

■ 65.9690, -4.9628,
-49.4397

■ 26.5397, -2.4762,
-47.4494

■ 77.5401, -5.6611,
-50.1681

■ 18.6798, -1.9375,
-48.0309

■ 89.7182, -6.3879,
-50.8883

■ 11.7993, -1.4337,
-50.4009

■ 102.4746, -7.1420,
-51.5845

■ 4.5934, -1.7928,
-79.4230

■ 115.7841, -7.9226,
-52.2474

0.0000, NaN, -NF

0.0000, NaN, -NF

129.6245, -8.7289,

-52.8718

0.0000, NaN, NaN

143.9764, -9.5602,
-53.4545

0.0000, NaN, NaN

■ 44.7886, -3.6565,
-48.0885

■ 44.7886, -3.6565,
-48.0885

■ 44.7840, -3.6486,
-48.0997

■ 47.1841, -6.6389,
-42.8258

■ 49.7753, -8.9960,
-37.5334

■ 52.5891, -10.6129,
-32.1871

■ 55.6208, -11.4967,
-26.8239

■ 58.8602, -11.6844,
-21.4796

■ 62.2948, -11.2284,
-16.1826

■ 65.9108, -10.1878,
-10.9532

■ 69.6949, -8.6222,
-5.8039

■ 73.6340, -6.5889,
-0.7413

Harmonies

Analogous

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



44.7893, -20.1580, -38.2104



44.7886, -3.6565, -48.0885



44.7893, 16.0959, -40.4029

Triad

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



44.7893, -3.6557, -48.0875



44.7893, 34.6601, 15.8848



44.7893, -29.3667, 17.2237

Complementary

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



44.7886, -3.6565, -48.0885



42.2800, 41.7797, 26.7823

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.



44.7893, -18.2960, 23.5532



44.7886, -3.6565, -48.0885



44.7893, 18.6632, 23.0377

Square

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



44.7893, -3.6557, -48.0875



44.7893, 40.3008, 1.2125



44.7893, -1.1147, 25.1251



44.7893, -33.3796, 3.6298

Rectangle

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



44.7886, -3.6565, -48.0885



44.7893, 28.1385, -27.6185



44.7893, -1.1147, 25.1251



44.7893, -26.4489, 20.0190

Sweetspot

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



44.7893, -3.6557, -48.0875



84.6231, -13.1799, -14.3720



66.1000, -53.9485, 33.8426



38.2201, -6.3969, -7.9743

0.0000, NaN, NaN



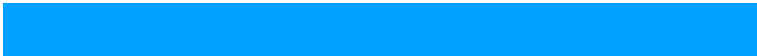
46.2646, -2.4686, 2.5136

Same Dimension

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



44.7893, -3.6557, -48.0875



57.2626, -4.0901, -62.7440



22.7044, 49.0851, -134.3318



34.6503, -3.0291, -0.2108



35.7859, -3.3122, -37.5792



8.9580, -2.0400, -6.7931

Inverse Universe

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



37.9783, 69.2055, -7.8105



48.8276, 88.9051, -9.4284



66.4873, -7.3897, 40.8386



33.6616, 2.1046, 0.3172



30.1592, 55.0166, -6.6201



6.9538, 12.8680, -2.9439

Previews

White Background



This preview shows how the HunterLab color 44.7886, -3.6565, -48.0885 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 44.7886, -3.6565, -48.0885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

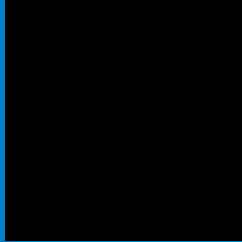
Any Text WCAG AA ✓ Pass

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 44.7886, -3.6565, -48.0885 Background



This preview shows how black text looks on a background with the HunterLab color 44.7886, -3.6565, -48.0885.

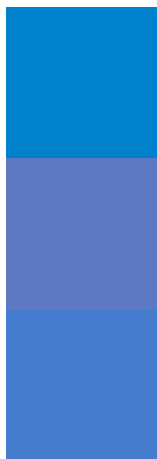


This preview shows how white text looks on a background with the HunterLab color 44.7886, -3.6565,

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

44.7886, -3.6565, -48.0885

Protanopia

44.7660, 7.0587, -41.4602

Deuteranopia

44.8200, 3.9306, -48.7179



Tritanopia

44.7190, -21.5293, -9.4193

Trichromacy



Original Color

44.7886, -3.6565, -48.0885

Protanomaly

44.1582, 1.0623, -45.3197

Deuteranomaly

44.5701, 0.1744, -49.3659

Tritanomaly

44.5840, -15.5928, -22.0658

Monochromacy



Original Color

44.7886, -3.6565, -48.0885

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

37.4363, -7.6231, -14.5480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.7886, -3.6565, -48.0885 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, 129, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 129, 204)  
}
```

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, 129, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 129, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 44.7886, -3.6565, -48.0885 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, 129, 204) }
```


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

```
.border{ border-color:rgb(0, 129, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 129, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 129, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 129, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 129,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.7886, -3.6565, -48.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 129, 204) }
```

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

```
.background{ background-color: rgb(0, 129,  
204) }
```

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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