

Converting Colors

HunterLab(38.3507, -26.4482,
-64.2668)

Have a look what the booklet for
HunterLab(38.3507, -26.4482,
-64.2668) contains.

HunterLab(44.4411, -3.4712, -48.0543)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(44.4411, -3.4712,
-48.0543)**

Conversions

Conversions Part 1

Format	Color
Hex	0080CB
RGB	0, 128, 203
RGB Percent	0%, 50%, 80%
CMY	0.9998, 0.4980, 0.2039
CMYK	1.00, 0.37, 0.00, 0.20
HSL	202°, 100%, 40%
HSV	202°, 100%, 80%
XYZ	18.4986, 19.7501, 59.3371
YIQ	98.2780, -100.3630, -3.8110

Conversions

Conversions Part 2

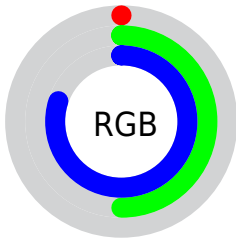
Format	Color
RYB	0, 79, 203
Decimal	32971
CIELab	51.55, -1.42, -46.89
CIElCh	52, 46.912, 268.267
Yxy	19.7507, 0.1896, 0.2024
Android (android.graphics.Color)	4278223051 (0xFF0080CB)
YUV	98.2780, 51.6279, -86.1898
Hunter-Lab	44.4411, -3.4712, -48.0543

Details

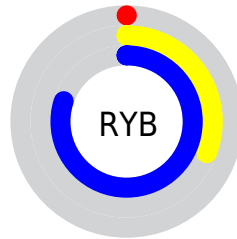
The HunterLab color **44.4411, -3.4712, -48.0543** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **42.1127, 41.3733, 26.6722**, and the grayscale version is **34.8974, -1.8620, 1.8960**.

A 20% lighter version of the original color is **65.1607, -6.0770, -46.0386**, and **27.8030, 3.6130, -42.5509** is the 20% darker color. If you saturate the color by 10%, you get **44.4367, -3.4636, -48.0650**, and if you desaturate by 10%, it is **46.8324, -6.4539, -42.7847**.

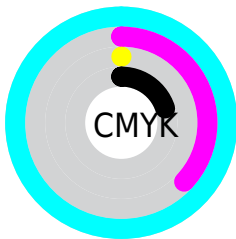
Distribution



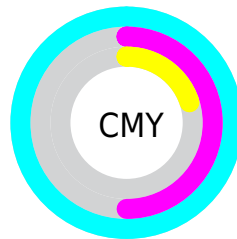
- Red (0%)
- Green (50%)
- Blue (80%)



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



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



- Cyan (100%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.4411, -3.4712, -48.0543 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 44.4411, -3.4712, -48.0543 by changing the saturation by 10% instead.

■ 44.4411, -3.4712,
-48.0543

■ 44.4411, -3.4712,
-48.0543

158.2916,
-10.1340, -53.9612

■ 34.9485, -2.8780,
-47.5746

■ 65.5735, -4.7522,
-49.4006

■ 26.2480, -2.3202,
-47.4395

■ 77.1227, -5.4391,
-50.1288

■ 18.4205, -1.7983,
-48.0587

■ 89.2800, -6.1548,
-50.8495

■ 11.5770, -1.3138,
-50.5283

■ 102.0165, -6.8985,
-51.5465

■ 4.1480, -1.7118,
-86.4517

■ 115.3069, -7.6691,
-52.2106

0.0000, NaN, -NF

0.0000, NaN, -NF

129.1290, -8.4657,

-52.8362

0.0000, NaN, NaN

143.4632, -9.2876,
-53.4203

0.0000, NaN, NaN

■ 44.4411, -3.4712,
-48.0543

■ 44.4411, -3.4712,
-48.0543

■ 44.4367, -3.4636,
-48.0650

■ 46.8324, -6.4539,
-42.7847

■ 49.4188, -8.8143,
-37.4888

■ 52.2270, -10.4377,
-32.1419

■ 55.2524, -11.3318,
-26.7813

■ 58.4845, -11.5337,
-21.4426

■ 61.9106, -11.0959,
-16.1539

■ 65.5173, -10.0775,
-10.9351

■ 69.2908, -8.5378,
-5.7983

■ 73.2184, -6.5339,
-0.7497

Harmonies

Analogous

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



44.4418, -19.9626, -38.3184



44.4411, -3.4712, -48.0543



44.4418, 16.2350, -40.2251

Triad

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



44.4418, -3.4704, -48.0533



44.4418, 34.4925, 15.9041



44.4418, -29.3151, 17.0625

Complementary

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



44.4411, -3.4712, -48.0543



42.1127, 41.3733, 26.6722

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.



44.4418, -18.3488, 23.4013



44.4411, -3.4712, -48.0543



44.4418, 18.4635, 22.9565

Square

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



44.4418, -3.4704, -48.0533



44.4418, 40.2324, 1.3579



44.4418, -1.2663, 24.9919



44.4418, -33.2483, 3.4547

Rectangle

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



44.4411, -3.4712, -48.0543



44.4418, 28.2222, -27.3967



44.4418, -1.2663, 24.9919



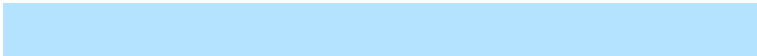
44.4418, -26.4303, 19.8612

Sweetspot

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



44.4418, -3.4704, -48.0533



84.5784, -13.1102, -14.4333



65.7367, -53.6492, 33.6504



38.1965, -6.3603, -8.0076

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.4418, -3.4704, -48.0533



57.1217, -3.8582, -63.0684



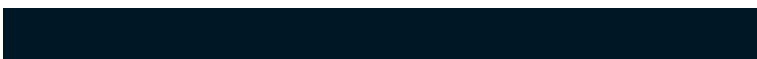
22.5850, 48.7936, -133.5536



34.6453, -3.0209, -0.2169



35.7008, -3.1740, -37.7711



8.9420, -2.0161, -6.8245

Inverse Universe

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



37.7573, 68.7816, -7.5992



48.8109, 88.8451, -9.1947



66.1239, -7.3530, 40.6154



33.6611, 2.1018, 0.3246



30.1491, 54.9800, -6.4776



6.9517, 12.8606, -2.9152

Previews

White Background



This preview shows how the HunterLab color 44.4411, -3.4712, -48.0543 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 44.4411, -3.4712, -48.0543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

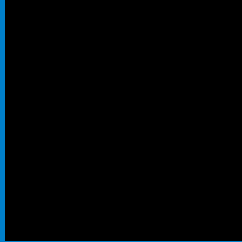
Any Text WCAG AA ✓ Pass

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 44.4411, -3.4712, -48.0543 Background



This preview shows how black text looks on a background with the HunterLab color 44.4411, -3.4712, -48.0543.



This preview shows how white text looks on a background with the HunterLab color 44.4411, -3.4712, -48.0543.

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

44.4411, -3.4712, -48.0543

Protanopia

44.4360, 7.3753, -42.1716

Deuteranopia

44.4059, 3.8774, -48.8441



Tritanopia

44.3663, -21.3446, -9.3770

Trichromacy



Original Color

44.4411, -3.4712, -48.0543

Protanomaly

43.8398, 1.4373, -46.0363

Deuteranomaly

44.2046, 0.2893, -49.3783

Tritanomaly

44.2324, -15.4110, -22.0187

Monochromacy



Original Color

44.4411, -3.4712, -48.0543

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

37.0661, -7.5627, -14.5506

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.4411, -3.4712, -48.0543 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, 128, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 203)  
}
```

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, 128, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 44.4411, -3.4712, -48.0543 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, 128, 203) }
```


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

```
.border{ border-color:rgb(0, 128, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.4411, -3.4712, -48.0543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 203) }
```

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

```
.background{ background-color: rgb(0, 128,  
203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor