

Converting Colors

HunterLab(38.2740, -11.7851,
-31.0242)

Have a look what the booklet for
HunterLab(38.2740, -11.7851,
-31.0242) contains.

HunterLab(38.9501, -8.8329, -29.6165)	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(38.9501, -8.8329,
-29.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	0074A4
RGB	0, 116, 164
RGB Percent	0%, 45%, 64%
CMY	0.9999, 0.5451, 0.3569
CMYK	1.00, 0.29, 0.00, 0.36
HSL	198°, 100%, 32%
HSV	198°, 100%, 64%
XYZ	12.9462, 15.1711, 37.3679
YIQ	86.7880, -84.5440, -9.6640

Conversions

Conversions Part 2

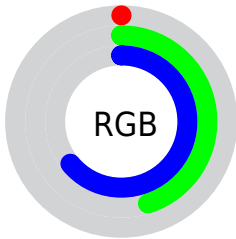
Format	Color
RYB	0, 68, 164
Decimal	29860
CIELab	45.87, -9.41, -33.36
CIELCh	46, 34.659, 254.245
Yxy	15.1716, 0.1977, 0.2317
Android (android.graphics.Color)	4278219940 (0xFF0074A4)
YUV	86.7880, 38.0655, -76.1131
Hunter-Lab	38.9501, -8.8329, -29.6165

Details

The HunterLab color **38.9501, -8.8329, -29.6165** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **31.6368, 36.9880, 20.1404**, and the grayscale version is **30.6848, -1.6373, 1.6672**.

A 20% lighter version of the original color is **59.3249, -11.1058, -30.6171**, and **23.0306, -1.6148, -25.3005** is the 20% darker color. If you saturate the color by 10%, you get **38.9480, -8.8296, -29.6211**, and if you desaturate by 10%, it is **40.5228, -10.4119, -26.6006**.

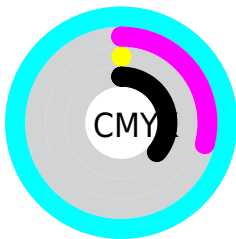
Distribution



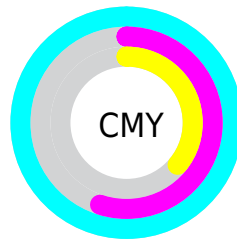
- Red (0%)
- Green (45%)
- Blue (64%)



- Red (0%)
- Yellow (27%)
- Blue (64%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9501, -8.8329, -29.6165 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 38.9501, -8.8329, -29.6165 by changing the saturation by 10% instead.

■ 38.9501, -8.8329,
-29.6165

■ 38.9501, -8.8329,
-29.6165

149.8007,
-18.8052, -33.7139

■ 29.8997, -7.7368,
-29.0305

■ 59.2908, -11.0018,
-30.8270

■ 21.6841, -6.6185,
-28.5744

■ 70.4793, -12.0885,
-31.3883

■ 14.3997, -5.4540,
-28.5054

■ 82.2947, -13.1815,
-31.9035

■ 8.0602, -5.5181,
-30.2837

■ 94.7052, -14.2833,
-32.3682

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.6836,
-15.3955, -32.7812

0.0000, NaN, NaN

■ 121.2059,

0.0000, NaN, NaN

-16.5193, -33.1425

0.0000, NaN, NaN

135.2512,
-17.6557, -33.4530

■ 38.9501, -8.8329,
-29.6165

■ 38.9501, -8.8329,
-29.6165

■ 38.9480, -8.8296,
-29.6211

■ 40.5228, -10.4119,
-26.6006

■ 42.2152, -11.5813,
-23.5182

■ 44.0589, -12.2200,
-20.3290

■ 46.0552, -12.3236,
-17.0521

■ 48.2008, -11.9085,
-13.7099

■ 50.4901, -11.0039,
-10.3246

■ 52.9160, -9.6462,
-6.9152

■ 55.4706, -7.8746,
-3.4977

■ 58.1461, -5.7287,
-0.0841

Harmonies

Analogous

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



38.9507, -18.8731, -19.1519



38.9501, -8.8329, -29.6165



38.9507, 4.4650, -29.9041

Triad

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



38.9507, -8.8324, -29.6157



38.9507, 26.1717, 7.6823



38.9507, -18.4774, 15.9089

Complementary

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



38.9501, -8.8329, -29.6165



31.6368, 36.9880, 20.1404

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.



38.9507, -8.2202, 19.1809



38.9501, -8.8329, -29.6165



38.9507, 18.1493, 15.6380

Square

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



38.9507, -8.8324, -29.6157



38.9507, 25.9492, -5.1393



38.9507, 5.1654, 19.1022



38.9507, -23.9062, 8.2054

Rectangle

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



38.9501, -8.8329, -29.6165



38.9507, 13.5056, -24.0705



38.9507, 5.1654, 19.1022



38.9507, -15.5455, 17.4268

Sweetspot

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



38.9507, -8.8324, -29.6157



71.0974, -13.1183, -9.5845



51.7228, -42.9632, 28.0982



32.6251, -6.5014, -5.3392



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



38.9507, -8.8324, -29.6157



52.1142, -11.3592, -40.6169



19.7878, 31.3917, -92.4935



27.6755, -2.6379, 0.0764



34.2290, -7.9167, -25.6934



5.6704, -2.1436, -2.4601

Inverse Universe

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



30.2559, 55.9764, -12.7560



40.7146, 75.2525, -16.5393



48.4301, 0.3550, 29.8476



26.7706, 1.6629, 0.0528



26.5083, 49.0753, -11.3908



3.9403, 7.4609, -2.9819

Previews

White Background



This preview shows how the HunterLab color 38.9501, -8.8329, -29.6165 looks on a white 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

Black Background



This preview shows how the HunterLab color 38.9501, -8.8329, -29.6165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

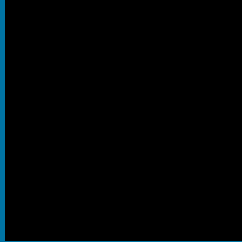
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 38.9501, -8.8329, -29.6165 Background



This preview shows how black text looks on a background with the HunterLab color 38.9501, -8.8329, -29.6165.



This preview shows how white text looks on a background with the HunterLab color 38.9501, -8.8329,

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

38.9501, -8.8329, -29.6165

Protanopia

38.9756, 3.5674, -23.7667

Deuteranopia

38.9664, 3.0587, -30.8283



Tritanopia

39.0637, -19.0121, -7.7845

Trichromacy



Original Color

38.9501, -8.8329, -29.6165

Protanomaly

38.1901, -3.0910, -27.4447

Deuteranomaly

38.4569, -3.0546, -31.2379

Tritanomaly

38.9187, -15.4580, -15.2755

Monochromacy



Original Color

38.9501, -8.8329, -29.6165

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.8411, -8.3495, -9.1919

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9501, -8.8329, -29.6165 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, 116, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 164)  
}
```

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, 116, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9501, -8.8329, -29.6165 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, 116, 164) }
```


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

```
.border{ border-color:rgb(0, 116, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 116, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.9501, -8.8329, -29.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 164) }
```

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

```
.background{ background-color: rgb(0, 116,  
164) }
```

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