

Converting Colors

HunterLab(36.8296, -7.9844,
-28.7979)

Have a look what the booklet for
HunterLab(36.8296, -7.9844,
-28.7979) contains.

HunterLab(36.8594, -8.0295, -28.7377)	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(36.8594, -8.0295,
-28.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	006E9D
RGB	0, 110, 157
RGB Percent	0%, 43%, 62%
CMY	0.9999, 0.5686, 0.3843
CMYK	1.00, 0.30, 0.00, 0.38
HSL	198°, 100%, 31%
HSV	198°, 100%, 62%
XYZ	11.6617, 13.5862, 33.9060
YIQ	82.4680, -80.6470, -8.7030

Conversions

Conversions Part 2

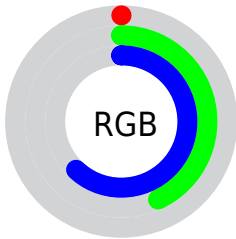
Format	Color
RYB	0, 65, 157
Decimal	28317
CIELab	43.63, -8.59, -32.74
CIELCh	44, 33.851, 255.306
Yxy	13.5866, 0.1971, 0.2297
Android (android.graphics.Color)	4278218397 (0xFF006E9D)
YUV	82.4680, 36.7443, -72.3244
Hunter-Lab	36.8594, -8.0295, -28.7377

Details

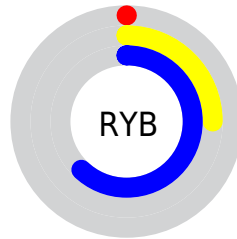
The HunterLab color **36.8594, -8.0295, -28.7377** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **30.3368, 34.7130, 19.2997**, and the grayscale version is **29.1123, -1.5534, 1.5817**.

A 20% lighter version of the original color is **56.7641, -9.8223, -30.2532**, and **21.3891, -1.3179, -23.8895** is the 20% darker color. If you saturate the color by 10%, you get **36.8576, -8.0265, -28.7418**, and if you desaturate by 10%, it is **38.3871, -9.5561, -25.7816**.

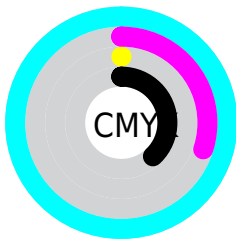
Distribution



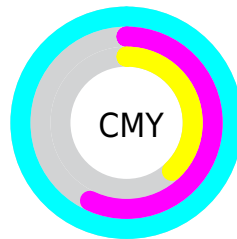
- Red (0%)
- Green (43%)
- Blue (62%)



- Red (0%)
- Yellow (25%)
- Blue (62%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (57%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8594, -8.0295, -28.7377 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 36.8594, -8.0295, -28.7377 by changing the saturation by 10% instead.

36.8594, -8.0295,
-28.7377

36.8594, -8.0295,
-28.7377

146.5072,
-17.6213, -32.8018

27.9888, -6.9862,
-28.1658

56.8803, -10.1008,
-29.9390

19.9718, -5.9236,
-27.7466

67.9240, -11.1421,
-30.4978

12.9122, -4.8174,
-27.7884

79.6022, -12.1918,
-31.0104

6.3429, -6.2379,
-33.1361

91.8823, -13.2519,
-31.4723

0.0000, NaN, -NF

0.0000, NaN, -NF

104.7359,
-14.3240, -31.8819

0.0000, NaN, NaN

118.1387,

0.0000, NaN, NaN

-15.4091, -32.2394

0.0000, NaN, NaN

132.0689,
-16.5081, -32.5456

■ 36.8594, -8.0295,
-28.7377

■ 36.8594, -8.0295,
-28.7377

■ 36.8576, -8.0265,
-28.7418

■ 38.3871, -9.5561,
-25.7816

■ 40.0274, -10.6989,
-22.7717

■ 41.8125, -11.3366,
-19.6658

■ 43.7427, -11.4668,
-16.4827

■ 45.8147, -11.1062,
-13.2443

■ 48.0228, -10.2835,
-9.9712

■ 50.3600, -9.0336,
-6.6814

■ 52.8187, -7.3940,
-3.3895

■ 55.3914, -5.4023,
-0.1063

Harmonies

Analogous

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



36.8600, -17.7861, -18.9167



36.8594, -8.0295, -28.7377



36.8600, 4.7825, -28.6243

Triad

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



36.8600, -8.0290, -28.7369



36.8600, 25.0174, 7.6869



36.8600, -17.9393, 15.0045

Complementary

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



36.8594, -8.0295, -28.7377



30.3368, 34.7130, 19.2997

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.



36.8600, -8.2665, 18.2391



36.8594, -8.0295, -28.7377



36.8600, 17.0677, 15.1088

Square

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



36.8600, -8.0290, -28.7369



36.8600, 25.1040, -4.4673



36.8600, 4.5103, 18.2693



36.8600, -22.9526, 7.4843

Rectangle

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



36.8594, -8.0295, -28.7377



36.8600, 13.4248, -22.7893



36.8600, 4.5103, 18.2693



36.8600, -15.1887, 16.4950

Sweetspot

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



36.8600, -8.0290, -28.7369



67.2034, -12.2035, -9.2031



49.2949, -40.9251, 26.7330



30.9449, -6.0550, -5.1226



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



36.8600, -8.0290, -28.7369



48.9703, -10.2097, -39.1688



18.9226, 29.7031, -87.7673



26.7840, -2.5267, 0.0643



33.3167, -7.3837, -25.7038



5.1797, -2.0051, -2.1457

Inverse Universe

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



28.8002, 53.2252, -11.6915



38.4943, 71.0682, -15.0128



46.1860, 0.2833, 28.4636



25.9243, 1.5874, 0.0783



25.9668, 48.0156, -10.7135



3.5723, 6.7759, -2.7945

Previews

White Background



This preview shows how the HunterLab color 36.8594, -8.0295, -28.7377 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 36.8594, -8.0295, -28.7377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

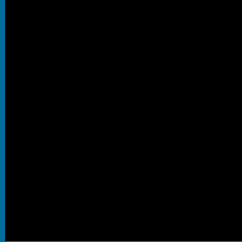
Any Text WCAG AA × Fail

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 36.8594, -8.0295, -28.7377 Background



This preview shows how black text looks on a background with the HunterLab color 36.8594, -8.0295, -28.7377.

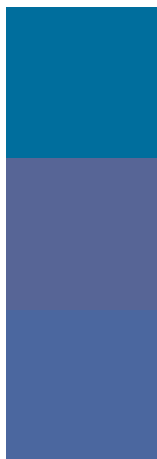


This preview shows how white text looks on a background with the HunterLab color 36.8594, -8.0295, -28.7377.

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

36.8594, -8.0295, -28.7377

Protanopia

36.7908, 3.9735, -23.7599

Deuteranopia

37.0129, 2.7922, -29.6868



Tritanopia

36.6943, -17.5522, -7.9744

Trichromacy



Original Color

36.8594, -8.0295, -28.7377

Protanomaly

36.0732, -2.3850, -27.3468

Deuteranomaly

36.6129, -2.9140, -29.8734

Tritanomaly

36.8233, -14.6168, -14.4723

Monochromacy



Original Color

36.8594, -8.0295, -28.7377

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.8034, -7.5263, -8.9987

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8594, -8.0295, -28.7377 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, 110, 157)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 157)  
}
```

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, 110, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8594, -8.0295, -28.7377 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, 110, 157) }
```


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

```
.border{ border-color:rgb(0, 110, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 157);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8594, -8.0295, -28.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 157) }
```

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

```
.background{ background-color: rgb(0, 110,  
157) }
```

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