

Converting Colors

HunterLab(33.3353, -19.1999,
-42.6158)

Have a look what the booklet for
HunterLab(33.3353, -19.1999,
-42.6158) contains.

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Color

**HunterLab(36.9021, -5.7132,
-33.7911)**

Conversions

Conversions Part 1

Format	Color
Hex	006DA4
RGB	0, 109, 164
RGB Percent	0%, 43%, 64%
CMY	0.9999, 0.5725, 0.3569
CMYK	1.00, 0.34, 0.00, 0.36
HSL	200°, 100%, 32%
HSV	200°, 100%, 64%
XYZ	12.1695, 13.6176, 37.1091
YIQ	82.6790, -82.6190, -6.0030

Conversions

Conversions Part 2

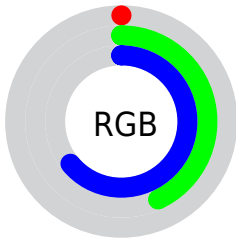
Format	Color
RYB	0, 65, 164
Decimal	28068
CIELab	43.68, -5.23, -36.81
CIELCh	44, 37.176, 261.913
Yxy	13.6181, 0.1935, 0.2165
Android (android.graphics.Color)	4278218148 (0xFF006DA4)
YUV	82.6790, 40.0913, -72.5095
Hunter-Lab	36.9021, -5.7132, -33.7911

Details

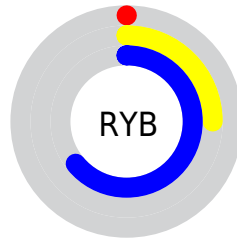
The HunterLab color **36.9021, -5.7132, -33.7911** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **32.6004, 34.2667, 20.6865**, and the grayscale version is **29.1782, -1.5569, 1.5853**.

A 20% lighter version of the original color is **56.8602, -7.2686, -34.9720**, and **21.4828, 1.0191, -29.0515** is the 20% darker color. If you saturate the color by 10%, you get **36.8995, -5.7090, -33.7970**, and if you desaturate by 10%, it is **38.6556, -7.6352, -30.1849**.

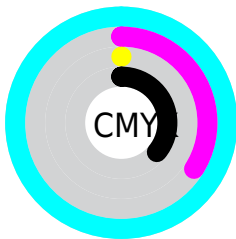
Distribution



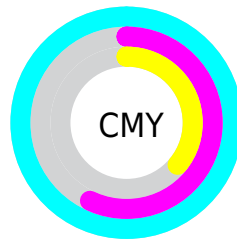
- Red (0%)
- Green (43%)
- Blue (64%)



- Red (0%)
- Yellow (25%)
- Blue (64%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9021, -5.7132, -33.7911 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 36.9021, -5.7132, -33.7911 by changing the saturation by 10% instead.

■ 36.9021, -5.7132,
-33.7911

■ 36.9021, -5.7132,
-33.7911

146.5748,
-13.8275, -38.5559

■ 28.0277, -4.8967,
-33.2569

■ 56.9296, -7.3863,
-35.0608

■ 20.0066, -4.0881,
-32.9818

■ 67.9763, -8.2488,
-35.6892

■ 12.9423, -3.2757,
-33.3994

■ 79.6574, -9.1300,
-36.2836

■ 6.3829, -3.9114,
-40.2801

■ 91.9401, -10.0304,
-36.8349

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.7964,
-10.9504, -37.3389

0.0000, NaN, NaN

■ 118.2016,

0.0000, NaN, NaN

-11.8899, -37.7938

0.0000, NaN, NaN

132.1342,
-12.8490, -38.1993

■ 36.9021, -5.7132,
-33.7911

■ 36.9021, -5.7132,
-33.7911

■ 36.8995, -5.7090,
-33.7970

■ 38.6556, -7.6352,
-30.1849

■ 40.5396, -9.1268,
-26.5466

■ 42.5843, -10.0702,
-22.8367

■ 44.7881, -10.4682,
-19.0796

■ 47.1452, -10.3443,
-15.3003

■ 49.6479, -9.7335,
-11.5211

■ 52.2872, -8.6768,
-7.7591

■ 55.0540, -7.2164,
-4.0270

■ 57.9395, -5.3936,
-0.3333

Harmonies

Analogous

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



36.9027, -17.2668, -24.6413



36.9021, -5.7132, -33.7911



36.9027, 8.7150, -30.8739

Triad

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



36.9027, -5.7126, -33.7903



36.9027, 26.7391, 10.4041



36.9027, -20.9972, 14.6507

Complementary

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



36.9021, -5.7132, -33.7911



32.6004, 34.2667, 20.6865

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.



36.9027, -11.5643, 18.8319



36.9021, -5.7132, -33.7911



36.9027, 16.3101, 17.1005

Square

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



36.9027, -5.7126, -33.7903



36.9027, 28.9314, -1.8117



36.9027, 1.9259, 19.5191



36.9027, -25.1832, 5.4599

Rectangle

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



36.9021, -5.7132, -33.7911



36.9027, 17.9677, -22.8357



36.9027, 1.9259, 19.5191



36.9027, -18.4089, 16.5208

Sweetspot

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



36.9027, -5.7126, -33.7903



70.2332, -11.7885, -10.7479



51.7921, -42.5301, 27.0767



32.1675, -5.8034, -5.9693



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.



36.9027, -5.7126, -33.7903



49.3116, -7.0617, -46.3910



18.6573, 35.2916, -99.4987



27.5845, -2.4902, -0.0330



32.4501, -5.2163, -29.2994



5.5028, -1.9171, -2.7395

Inverse Universe

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



29.9957, 55.0438, -9.1516



40.3607, 73.9839, -11.6324



50.6862, -3.4438, 31.1713



26.7611, 1.6120, 0.1877



26.2814, 48.2630, -8.2518



3.9162, 7.3759, -2.6573

Previews

White Background



This preview shows how the HunterLab color 36.9021, -5.7132, -33.7911 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 36.9021, -5.7132, -33.7911 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 36.9021, -5.7132, -33.7911 Background



This preview shows how black text looks on a background with the HunterLab color 36.9021, -5.7132, -33.7911.

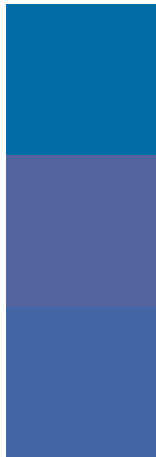


This preview shows how white text looks on a background with the HunterLab color 36.9021, -5.7132, -33.7911.

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

36.9021, -5.7132, -33.7911

Protanopia

36.8520, 4.8067, -28.5280

Deuteranopia

36.8923, 2.9659, -34.4241



Tritanopia

37.0021, -17.9319, -7.5396

Trichromacy



Original Color

36.9021, -5.7132, -33.7911

Protanomaly

36.3257, -0.8509, -31.9136

Deuteranomaly

36.5149, -1.1368, -35.3198

Tritanomaly

36.9395, -13.9415, -16.0754

Monochromacy



Original Color

36.9021, -5.7132, -33.7911

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.9532, -6.7655, -10.4079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9021, -5.7132, -33.7911 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, 109, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 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, 109, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9021, -5.7132, -33.7911 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, 109, 164) }
```


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

```
.border{ border-color:rgb(0, 109, 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, 109, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.9021, -5.7132, -33.7911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 164) }
```

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

```
.background{ background-color: rgb(0, 109,  
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](#).

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