

Converting Colors

HunterLab(36.8797, 18.0376,
-85.0343)

Have a look what the booklet for
HunterLab(36.8797, 18.0376,
-85.0343) contains.

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Color

**HunterLab(36.9647, 17.6977,
-84.4069)**

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | 0061DB |
| RGB | 0, 97, 219 |
| RGB Percent | 0%, 38%, 86% |
| CMY | 0.9998, 0.6196, 0.1412 |
| CMYK | 1.00, 0.56, 0.00, 0.14 |
| HSL | 213°, 100%, 43% |
| HSV | 213°, 100%, 86% |
| XYZ | 17.0609, 13.6639, 68.7561 |
| YIQ | 81.9050, -96.9740, 17.3780 |

Conversions

Conversions Part 2

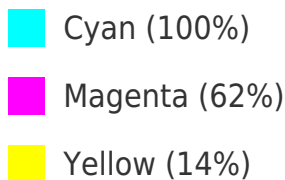
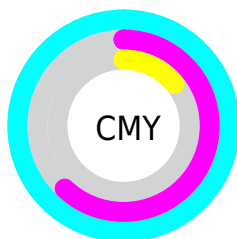
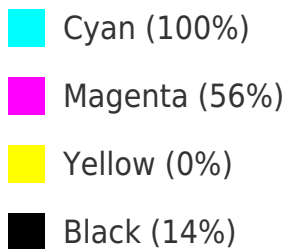
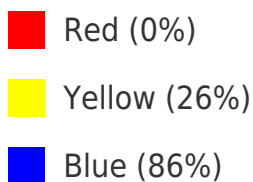
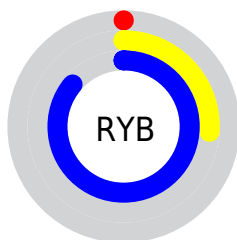
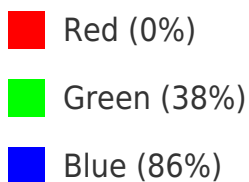
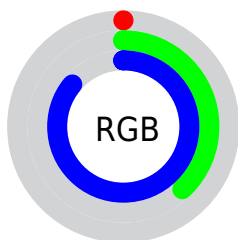
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 67, 219 |
| Decimal | 25051 |
| CIELab | 43.75, 24.52, -68.57 |
| CIELCh | 44, 72.825, 289.676 |
| Yxy | 13.6642, 0.1715, 0.1374 |
| Android (android.graphics.Color) | 4278215131 (0xFF0061DB) |
| YUV | 81.9050, 67.5878, -71.8307 |
| Hunter-Lab | 36.9647, 17.6977, -84.4069 |

Details

The HunterLab color **36.9647, 17.6977, -84.4069** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **53.8450, 25.7111, 33.6275**, and the grayscale version is **28.8068, -1.5371, 1.5651**.

A 20% lighter version of the original color is **55.7050, 12.0824, -66.1597**, and **22.5839, 22.4353, -76.6594** is the 20% darker color. If you saturate the color by 10%, you get **36.9571, 17.7146, -84.4339**, and if you desaturate by 10%, it is **40.3301, 11.7739, -73.4674**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9647, 17.6977, -84.4069 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 36.9647, 17.6977, -84.4069 by changing the saturation by 10% instead.

| | |
|---|---|
|  36.9647, 17.6977, -84.4069 |  36.9647, 17.6977, -84.4069 |
|---|---|

| | |
|--------------------------------|---|
| 146.6737, 21.6174, -89.2742 |  28.0847, 16.7867, -85.9870 |
|--------------------------------|---|


| | |
|---|---|
|  57.0018, 19.1632, -83.9778 |  20.0575, 15.7309, -89.6445 |
|---|---|

| | |
|---|---|
|  68.0529, 19.7418, -84.4101 |  12.9864, 14.5181, -97.9144 |
|---|---|

| | |
|---|---|
|  79.7381, 20.2327, -85.0501 |  6.4410, 16.5003, -130.8841 |
|---|---|

| | |
|---|------------------|
|  92.0248, 20.6441, -85.8132 | 0.0000, NaN, -NF |
|---|------------------|

| | |
|--|------------------|
| | 0.0000, NaN, -NF |
|--|------------------|

| | |
|--|------------------|
|  104.8848, 20.9829, -86.6463 | 0.0000, NaN, -NF |
|--|------------------|

| | |
|--------------------|------------------|
| 118.2936, 21.2549, | 0.0000, NaN, -NF |
|--------------------|------------------|

-87.5150

0.0000, NaN, NaN

132.2297, 21.4650,
-88.3961

■ 36.9647, 17.6977,
-84.4069

■ 36.9647, 17.6977,
-84.4069

■ 36.9571, 17.7146,
-84.4339

■ 40.3301, 11.7739,
-73.4674

■ 44.0686, 6.7479,
-62.8936

■ 48.1732, 2.7277,
-52.7520

■ 52.6045, -0.3448,
-43.1271

■ 57.3236, -2.5683,
-34.0397

■ 62.2957, -4.0518,
-25.4693

■ 67.4909, -4.8994,
-17.3730

■ 72.8836, -5.2039,
-9.6992

■ 78.4525, -5.0448,
-2.3949

Harmonies

Analogous

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



36.9651, -11.0338, -90.4386



36.9647, 17.6977, -84.4069



36.9651, 47.9615, -48.0056

Triad

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



36.9651, 17.6995, -84.4059



36.9651, 39.1381, 23.5374



36.9651, -41.1052, 9.9814

Complementary

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



36.9647, 17.6977, -84.4069



53.8450, 25.7111, 33.6275

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.



36.9651, -34.4203, 22.0649



36.9647, 17.6977, -84.4069



36.9651, 8.0515, 25.4517

Square

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



36.9651, 17.6995, -84.4059



36.9651, 62.6458, 15.3187



36.9651, -18.2368, 25.1070



36.9651, -39.9159, -19.4072

Rectangle

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



36.9647, 17.6977, -84.4069



36.9651, 62.3164, -20.2357



36.9651, -18.2368, 25.1070



36.9651, -39.8051, 15.6275

Sweetspot

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



36.9651, 17.6995, -84.4059



80.0111, -5.8021, -20.9055



72.1327, -55.0839, 28.7535



35.7898, -2.5218, -11.5371

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.9651, 17.6995, -84.4059



43.6005, 21.7297, -101.4050



22.7746, 61.4453, -159.3617



36.8258, -2.3493, -0.9393



28.8261, 12.8397, -63.7473



8.4159, 1.1174, -12.9314

Inverse Universe

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



39.9054, 70.4943, 9.0208



47.3817, 83.6544, 11.1450



80.0507, -25.5656, 48.8781



36.2586, 1.9953, 1.1613



30.7613, 54.4114, 6.4537



7.9385, 14.2457, 0.0845

Previews

White Background



This preview shows how the HunterLab color 36.9647, 17.6977, -84.4069 looks on a white background.

Color Contrast Check

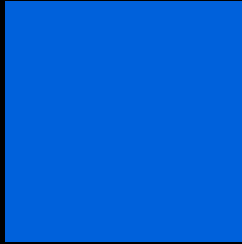
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.9647, 17.6977, -84.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

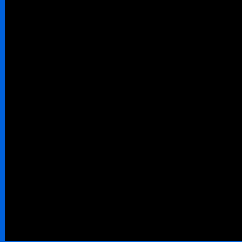
Any Text WCAG AA × Fail

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 36.9647, 17.6977, -84.4069 Background



This preview shows how black text looks on a background with the HunterLab color 36.9647, 17.6977, -84.4069.



This preview shows how white text looks on a background with the HunterLab color 36.9647, 17.6977, -84.4069.

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

36.9647, 17.6977, -84.4069

Protanopia

36.9145, 13.8299, -75.9947

Deuteranopia

36.9381, 0.5692, -47.3983



Tritanopia

36.6266, -17.9518, -7.0273

Trichromacy



Original Color

36.9647, 17.6977, -84.4069

Protanomaly

36.8652, 15.4040, -79.3311

Deuteranomaly

36.9332, 6.4154, -60.0124

Tritanomaly

36.2759, -7.1499, -29.9072

Monochromacy



Original Color

36.9647, 17.6977, -84.4069

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.3519, -0.2502, -23.9444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9647, 17.6977, -84.4069 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, 97, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 219)  
}
```

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, 97, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9647, 17.6977, -84.4069 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, 97, 219) }
```


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

```
.border{ border-color:rgb(0, 97, 219) }
```

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

Here you see how a box with a 4 pixel rgb(0, 97, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 219)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.9647, 17.6977, -84.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 219) }
```

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

```
.background{ background-color: rgb(0, 97,  
219) }
```

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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