

Converting Colors

HunterLab(37.0588, 13.8438,
-76.2051)

Have a look what the booklet for
HunterLab(37.0588, 13.8438,
-76.2051) contains.

HunterLab(36.9826, 14.1735, -76.8215)	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(36.9826, 14.1735,
-76.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	0063D4
RGB	0, 99, 212
RGB Percent	0%, 39%, 83%
CMY	0.9998, 0.6118, 0.1686
CMYK	1.00, 0.53, 0.00, 0.17
HSL	212°, 100%, 42%
HSV	212°, 100%, 83%
XYZ	16.3455, 13.6771, 64.0657
YIQ	82.2810, -95.2770, 14.1550

Conversions

Conversions Part 2

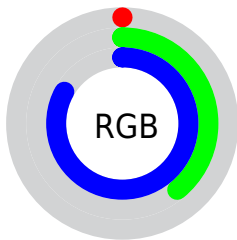
Format	Color
RYB	0, 67, 212
Decimal	25556
CIELab	43.77, 20.44, -64.55
CIELCh	44, 67.704, 287.571
Yxy	13.6775, 0.1737, 0.1454
Android (android.graphics.Color)	4278215636 (0xFF0063D4)
YUV	82.2810, 63.9515, -72.1604
Hunter-Lab	36.9826, 14.1735, -76.8215

Details

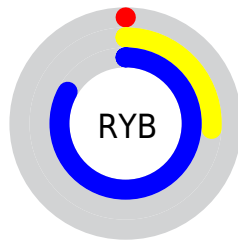
The HunterLab color **36.9826, 14.1735, -76.8215** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **50.8123, 27.2250, 31.7852**, and the grayscale version is **28.9551, -1.5450, 1.5732**.

A 20% lighter version of the original color is **56.1085, 10.4983, -65.2148**, and **22.4469, 18.9266, -68.9138** is the 20% darker color. If you saturate the color by 10%, you get **36.9757, 14.1883, -76.8448**, and if you desaturate by 10%, it is **40.1658, 8.8453, -67.0398**.

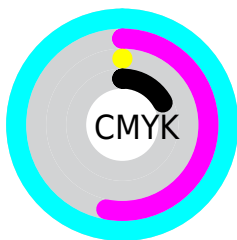
Distribution



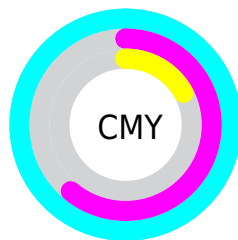
- Red (0%)
- Green (39%)
- Blue (83%)



- Red (0%)
- Yellow (26%)
- Blue (83%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (61%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9826, 14.1735, -76.8215 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 36.9826, 14.1735, -76.8215 by changing the saturation by 10% instead.

■ 36.9826, 14.1735,
-76.8215

■ 36.9826, 14.1735,
-76.8215

■ 146.7021, 16.5615,
-82.2658

■ 28.1010, 13.4664,
-77.9278

■ 57.0225, 15.2532,
-76.8567

■ 20.0721, 12.6200,
-80.7653

■ 68.0748, 15.6503,
-77.3953

■ 12.9990, 11.6132,
-87.4674

■ 79.7612, 15.9664,
-78.0943

■ 6.4576, 13.4782,
-115.3630

■ 92.0491, 16.2093,
-78.8835

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.9102, 16.3854,
-79.7191

0.0000, NaN, -NF

118.3200, 16.4999,

0.0000, NaN, -NF

-80.5727

0.0000, NaN, NaN

132.2571, 16.5573,
-81.4258

■ 36.9826, 14.1735,
-76.8215

■ 36.9826, 14.1735,
-76.8215

■ 36.9757, 14.1883,
-76.8448

■ 40.1658, 8.8453,
-67.0398

■ 43.6780, 4.3512,
-57.5611

■ 47.5202, 0.7943,
-48.4194

■ 51.6607, -1.8770,
-39.6861

■ 56.0668, -3.7497,
-31.3861

■ 60.7083, -4.9212,
-23.5104

■ 65.5590, -5.4855,
-16.0304

■ 70.5958, -5.5274,
-8.9083

■ 75.7995, -5.1204,
-2.1035

Harmonies

Analogous

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



36.9831, -12.0322, -79.7377



36.9826, 14.1735, -76.8215



36.9831, 42.0805, -45.8914

Triad

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



36.9831, 14.1751, -76.8205



36.9831, 37.6694, 22.6263



36.9831, -38.9479, 10.7772

Complementary

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



36.9826, 14.1735, -76.8215



50.8123, 27.2250, 31.7852

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.



36.9831, -31.8647, 21.7687



36.9826, 14.1735, -76.8215



36.9831, 9.2862, 24.8410

Square

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



36.9831, 14.1751, -76.8205



36.9831, 57.9905, 13.5881



36.9831, -15.7560, 24.6648



36.9831, -38.3080, -15.1975

Rectangle

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



36.9826, 14.1735, -76.8215



36.9831, 55.7609, -20.8196



36.9831, -15.7560, 24.6648



36.9831, -37.4941, 15.8435

Sweetspot

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



36.9831, 14.1751, -76.8205



80.5890, -6.7479, -20.0633



69.4289, -53.7947, 29.3498



36.0936, -3.0194, -11.0762

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.9831, 14.1751, -76.8205



45.1939, 18.2791, -95.9479



21.8580, 59.1660, -154.4513



35.9929, -2.4060, -0.8223



29.3888, 10.4465, -59.2845



8.2810, 0.5296, -11.4937

Inverse Universe

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



38.5993, 68.4289, 6.8508



47.5321, 84.2047, 8.9747



77.8236, -22.2243, 47.5644



35.3784, 1.9737, 1.0330



30.3591, 53.8871, 4.9188



7.5667, 13.6369, -0.3720

Previews

White Background



This preview shows how the HunterLab color 36.9826, 14.1735, -76.8215 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 36.9826, 14.1735, -76.8215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

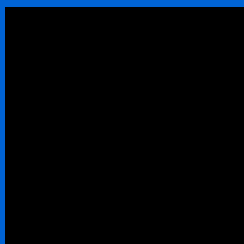
Any Text WCAG AA × Fail

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 36.9826, 14.1735, -76.8215 Background



This preview shows how black text looks on a background with the HunterLab color 36.9826, 14.1735, -76.8215.



This preview shows how white text looks on a background with the HunterLab color 36.9826, 14.1735, -76.8215.

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

36.9826, 14.1735, -76.8215

Protanopia

36.9145, 13.8299, -75.9947

Deuteranopia

36.9939, 0.8705, -48.1183



Tritanopia

36.9684, -18.1311, -7.0675

Trichromacy



Original Color

36.9826, 14.1735, -76.8215

Protanomaly

36.9145, 13.8299, -75.9947

Deuteranomaly

36.8113, 5.7744, -58.4763

Tritanomaly

36.4744, -8.1137, -28.0747

Monochromacy



Original Color

36.9826, 14.1735, -76.8215

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.4869, -1.4280, -21.6299

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9826, 14.1735, -76.8215 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, 99, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 212)  
}
```

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, 99, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9826, 14.1735, -76.8215 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, 99, 212) }
```


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

```
.border{ border-color:rgb(0, 99, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 212)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.9826, 14.1735, -76.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 212) }
```

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

```
.background{ background-color: rgb(0, 99,  
212) }
```

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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