

Converting Colors

HunterLab(39.3750, 12.7505,
-76.7400)

Have a look what the booklet for
HunterLab(39.3750, 12.7505,
-76.7400) contains.

HunterLab(39.2715, 12.8180, -76.7565)	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(39.2715, 12.8180,
-76.7565)**

Conversions

Conversions Part 1

Format	Color
Hex	006ADB
RGB	0, 106, 219
RGB Percent	0%, 42%, 86%
CMY	0.9998, 0.5843, 0.1412
CMYK	1.00, 0.52, 0.00, 0.14
HSL	211°, 100%, 43%
HSV	211°, 100%, 86%
XYZ	17.9402, 15.4225, 69.0491
YIQ	87.1880, -99.4490, 12.6710

Conversions

Conversions Part 2

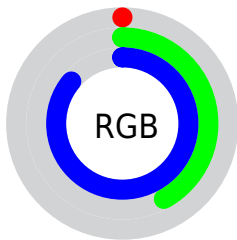
Format	Color
RYB	0, 71, 219
Decimal	27355
CIELab	46.21, 18.68, -64.57
CIELCh	46, 67.221, 286.134
Yxy	15.4229, 0.1752, 0.1506
Android (android.graphics.Color)	4278217435 (0xFF006ADB)
YUV	87.1880, 64.9833, -76.4639
Hunter-Lab	39.2715, 12.8180, -76.7565

Details

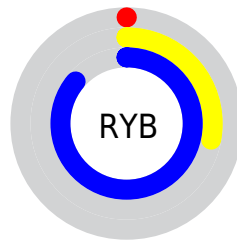
The HunterLab color **39.2715, 12.8180, -76.7565** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **51.8481, 30.1918, 32.4754**, and the grayscale version is **30.7420, -1.6403, 1.6703**.

A 20% lighter version of the original color is **58.4957, 6.5727, -59.7325**, and **24.2406, 18.1579, -69.4963** is the 20% darker color. If you saturate the color by 10%, you get **39.2645, 12.8327, -76.7792**, and if you desaturate by 10%, it is **42.5180, 7.5123, -67.1239**.

Distribution



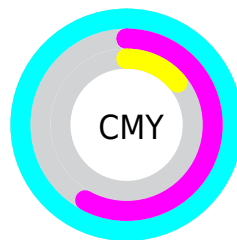
- Red (0%)
- Green (42%)
- Blue (86%)



- Red (0%)
- Yellow (28%)
- Blue (86%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.2715, 12.8180, -76.7565 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 39.2715, 12.8180, -76.7565 by changing the saturation by 10% instead.

■ 39.2715, 12.8180, -76.7565

■ 39.2715, 12.8180, -76.7565

150.3036, 14.3791, -82.5165

■ 30.1939, 12.2318, -77.5961

■ 59.6602, 13.6793, -77.0169

■ 21.9486, 11.5154, -79.8930

■ 70.8706, 13.9768, -77.6026

■ 14.6305, 10.6465, -85.3183

■ 82.7067, 14.1985, -78.3286

■ 8.2902, 10.0066, -100.1400

■ 95.1369, 14.3514, -79.1323

0.0000, INF, -NF

0.0000, NaN, -NF

■ 108.1341, 14.4415, -79.9745

0.0000, NaN, -NF

121.6746, 14.4735,

0.0000, NaN, -NF

-80.8296

0.0000, NaN, NaN

135.7373, 14.4515,
-81.6808

■ 39.2715, 12.8180,
-76.7565

■ 39.2715, 12.8180,
-76.7565

■ 39.2645, 12.8327,
-76.7792

■ 42.5180, 7.5123,
-67.1239

■ 46.0907, 3.0598,
-57.7563

■ 49.9935, -0.4371,
-48.6823

■ 54.1973, -3.0268,
-39.9724

■ 58.6710, -4.7942,
-31.6563

■ 63.3855, -5.8357,
-23.7322

■ 68.3147, -6.2454,
-16.1789

■ 73.4358, -6.1092,
-8.9647

■ 78.7293, -5.5019,
-2.0542

Harmonies

Analogous

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



39.2720, -13.3999, -78.0134



39.2715, 12.8180, -76.7565



39.2720, 40.9531, -47.3199

Triad

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



39.2720, 12.8195, -76.7555



39.2720, 39.0102, 23.3148



39.2720, -39.8674, 11.9319

Complementary

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



39.2715, 12.8180, -76.7565



51.8481, 30.1918, 32.4754

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.



39.2720, -32.0887, 22.9012



39.2715, 12.8180, -76.7565



39.2720, 10.6479, 25.9688

Square

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



39.2720, 12.8195, -76.7555



39.2720, 58.5625, 13.2108



39.2720, -15.0746, 25.8927



39.2720, -39.5726, -13.5492

Rectangle

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



39.2715, 12.8180, -76.7565



39.2720, 55.0369, -22.4537



39.2720, -15.0746, 25.8927



39.2720, -38.2201, 16.9473

Sweetspot

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



39.2720, 12.8195, -76.7555



80.9996, -7.4161, -19.4692



71.9577, -56.1683, 31.3129



36.3096, -3.3708, -10.7513

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



39.2720, 12.8195, -76.7555



46.3504, 15.8644, -92.1806



22.6185, 61.3333, -160.6638



36.9485, -2.5515, -0.7890



30.5923, 9.1568, -58.0046



8.8226, 0.3847, -11.8578

Inverse Universe

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



40.1272, 71.3049, 5.8271



47.6444, 84.6147, 7.3596



81.0701, -21.7744, 49.5727



36.2712, 2.0630, 0.9819



30.9331, 55.0383, 3.9844



7.9829, 14.4068, -0.5458

Previews

White Background



This preview shows how the HunterLab color 39.2715, 12.8180, -76.7565 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 39.2715, 12.8180, -76.7565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

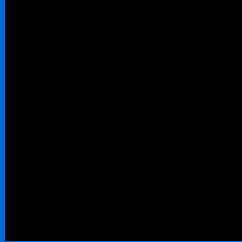
Any Text WCAG AA × Fail

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 39.2715, 12.8180, -76.7565 Background



This preview shows how black text looks on a background with the HunterLab color 39.2715, 12.8180, -76.7565.



This preview shows how white text looks on a background with the HunterLab color 39.2715, 12.8180, -76.7565.

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

39.2715, 12.8180, -76.7565

Protanopia

39.3347, 14.2189, -75.4933

Deuteranopia

39.2920, 1.2899, -51.8960



Tritanopia

39.0637, -19.0121, -7.7845

Trichromacy



Original Color

39.2715, 12.8180, -76.7565

Protanomaly

39.1329, 13.5993, -76.1441

Deuteranomaly

39.2634, 5.1043, -60.0944

Tritanomaly

38.8580, -9.3544, -28.3757

Monochromacy



Original Color

39.2715, 12.8180, -76.7565

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.5068, -2.2419, -21.8162

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.2715, 12.8180, -76.7565 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, 106, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 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, 106, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 39.2715, 12.8180, -76.7565 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, 106, 219) }
```


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

```
.border{ border-color:rgb(0, 106, 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, 106, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.2715, 12.8180, -76.7565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 219) }
```

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

```
.background{ background-color: rgb(0, 106,  
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](#).

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