

Converting Colors

HunterLab(34.2459, -19.5706,
-107.6108)

Have a look what the booklet for
HunterLab(34.2459, -19.5706,
-107.6108) contains.

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Color

**HunterLab(42.8716, 10.3458,
-75.9193)**

Conversions

Conversions Part 1

Format	Color
Hex	0075E5
RGB	0, 117, 229
RGB Percent	0%, 46%, 90%
CMY	0.9998, 0.5412, 0.1020
CMYK	1.00, 0.49, 0.00, 0.10
HSL	209°, 100%, 45%
HSV	209°, 100%, 90%
XYZ	20.5042, 18.3797, 76.5958
YIQ	94.7850, -105.6840, 10.0280

Conversions

Conversions Part 2

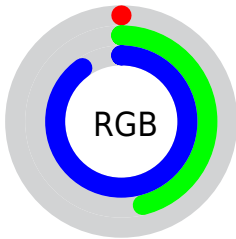
Format	Color
RYB	0, 77, 229
Decimal	30181
CIELab	49.95, 15.59, -64.16
CIELCh	50, 66.028, 283.660
Yxy	18.3802, 0.1776, 0.1592
Android (android.graphics.Color)	4278220261 (0xFF0075E5)
YUV	94.7850, 66.1680, -83.1264
Hunter-Lab	42.8716, 10.3458, -75.9193

Details

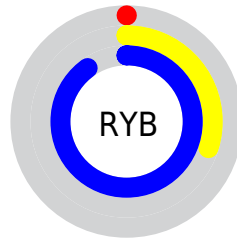
The HunterLab color **42.8716, 10.3458, -75.9193** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **53.1602, 34.9497, 33.3670**, and the grayscale version is **33.5450, -1.7899, 1.8226**.

A 20% lighter version of the original color is **61.8785, 1.3207, -52.4978**, and **27.1982, 16.2799, -69.1390** is the 20% darker color. If you saturate the color by 10%, you get **42.8636, 10.3616, -75.9436**, and if you desaturate by 10%, it is **46.1848, 5.1367, -66.6152**.

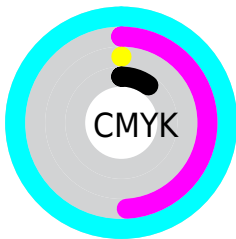
Distribution



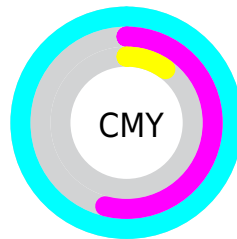
- Red (0%)
- Green (46%)
- Blue (90%)



- Red (0%)
- Yellow (30%)
- Blue (90%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (54%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8716, 10.3458, -75.9193 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 42.8716, 10.3458, -75.9193 by changing the saturation by 10% instead.

■ 42.8716, 10.3458, -75.9193

■ 42.8716, 10.3458, -75.9193

155.8864, 10.5086, -82.1104

■ 33.5012, 9.9628, -76.3864

■ 63.7841, 10.8397, -76.5050

■ 24.9344, 9.4658, -77.9618

■ 75.2330, 10.9691, -77.1590

■ 17.2558, 8.8342, -81.8018

■ 87.2950, 11.0312, -77.9228

■ 10.5833, 8.0379, -91.0870

■ 99.9406, 11.0320, -78.7449

0.0000, INF, -NF

0.0000, NaN, -NF

■ 113.1440, 10.9763, -79.5927

0.0000, NaN, -NF

126.8824, 10.8682,

0.0000, NaN, -NF

-80.4450

0.0000, NaN, NaN

141.1359, 10.7114,
-81.2874

■ 42.8716, 10.3458,
-75.9193

■ 42.8716, 10.3458,
-75.9193

■ 42.8636, 10.3616,
-75.9436

■ 46.1848, 5.1367,
-66.6152

■ 49.8176, 0.8014,
-57.5129

■ 53.7786, -2.5562,
-48.6330

■ 58.0428, -4.9789,
-40.0436

■ 62.5823, -6.5468,
-31.7813

■ 67.3694, -7.3534,
-23.8552

■ 72.3791, -7.4923,
-16.2551

■ 77.5889, -7.0500,
-8.9598

■ 82.9792, -6.1034,
-1.9421

Harmonies

Analogous

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



42.8722, -15.6370, -74.4964



42.8716, 10.3458, -75.9193



42.8722, 38.6093, -49.2481

Triad

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



42.8722, 10.3473, -75.9182



42.8722, 40.8813, 24.0581



42.8722, -40.8897, 13.8024

Complementary

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



42.8716, 10.3458, -75.9193



53.1602, 34.9497, 33.3670

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.



42.8722, -31.9683, 24.6124



42.8716, 10.3458, -75.9193



42.8722, 12.9208, 27.6075

Square

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



42.8722, 10.3473, -75.9182



42.8722, 58.9085, 12.2293



42.8722, -13.6140, 27.7201



42.8722, -41.2589, -10.6844

Rectangle

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



42.8716, 10.3458, -75.9193



42.8722, 53.2390, -25.0422



42.8722, -13.6140, 27.7201



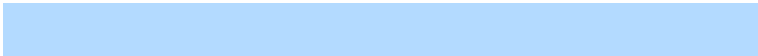
42.8722, -38.9111, 18.6872

Sweetspot

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



42.8722, 10.3473, -75.9182



81.6499, -8.4678, -18.5353



75.6180, -59.4523, 33.8274



36.6520, -3.9237, -10.2412

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.8722, 10.3473, -75.9182



48.2204, 12.1044, -86.4012



23.9619, 63.7413, -167.5403



38.8565, -2.8197, -0.7403



32.7821, 7.1130, -56.3298



9.8996, 0.1305, -12.6553

Inverse Universe

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



42.3601, 75.5669, 3.8691



47.8314, 85.2963, 4.6788



84.0291, -21.1054, 51.4076



38.0661, 2.2347, 0.9006



32.0665, 57.2797, 2.3883



8.8239, 15.9589, -0.8697

Previews

White Background



This preview shows how the HunterLab color 42.8716, 10.3458, -75.9193 looks on a white background.

Color Contrast Check

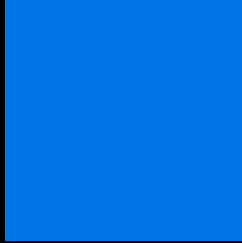
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the HunterLab color 42.8716, 10.3458, -75.9193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

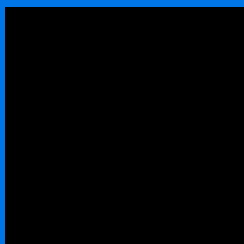
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

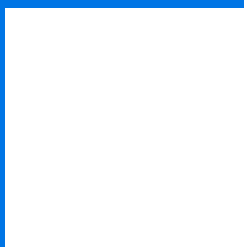
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.8716, 10.3458, -75.9193 Background



This preview shows how black text looks on a background with the HunterLab color 42.8716, 10.3458, -75.9193.



This preview shows how white text looks on a background with the HunterLab color 42.8716, 10.3458, -75.9193.

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

42.8716, 10.3458, -75.9193

Protanopia

42.8227, 13.9309, -72.9891

Deuteranopia

42.8694, 2.4054, -58.7757



Tritanopia

42.5747, -20.6307, -8.6788

Trichromacy



Original Color

42.8716, 10.3458, -75.9193

Protanomaly

42.6202, 12.0632, -74.6236

Deuteranomaly

43.0057, 5.1431, -64.8558

Tritanomaly

42.3087, -11.1467, -28.8197

Monochromacy



Original Color

42.8716, 10.3458, -75.9193

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.6016, -3.4018, -22.0638

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8716, 10.3458, -75.9193 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, 117, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 229)  
}
```

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, 117, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8716, 10.3458, -75.9193 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, 117, 229) }
```


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

```
.border{ border-color:rgb(0, 117, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
229) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8716, 10.3458, -75.9193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 229) }
```

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

```
.background{ background-color: rgb(0, 117,  
229) }
```

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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