

Converting Colors

HunterLab(40.4750, 15.1901,
-83.3814)

Have a look what the booklet for
HunterLab(40.4750, 15.1901,
-83.3814) contains.

HunterLab(40.4750, 15.1901, -83.3814)	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(40.4750, 15.1901,
-83.3814)**

Conversions

Conversions Part 1

Format	Color
Hex	006CE5
RGB	0, 108, 229
RGB Percent	0%, 42%, 90%
CMY	0.9998, 0.5765, 0.1020
CMYK	1.00, 0.53, 0.00, 0.10
HSL	212°, 100%, 45%
HSV	212°, 100%, 90%
XYZ	19.5054, 16.3823, 76.2628
YIQ	89.5020, -103.2090, 14.7350

Conversions

Conversions Part 2

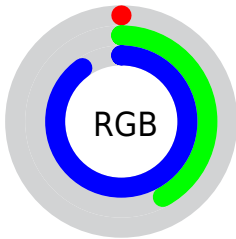
Format	Color
RYB	0, 73, 229
Decimal	27877
CIELab	47.47, 21.34, -68.18
CIELCh	47, 71.442, 287.379
Yxy	16.3827, 0.1739, 0.1461
Android (android.graphics.Color)	4278217957 (0xFF006CE5)
YUV	89.5020, 68.7725, -78.4933
Hunter-Lab	40.4750, 15.1901, -83.3814

Details

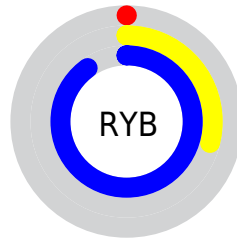
The HunterLab color **40.4750, 15.1901, -83.3814** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **55.0885, 30.4772, 34.4770**, and the grayscale version is **31.5801, -1.6850, 1.7158**.

A 20% lighter version of the original color is **59.2287, 6.0257, -58.1036**, and **25.3452, 20.2209, -75.3305** is the 20% darker color. If you saturate the color by 10%, you get **40.4670, 15.2072, -83.4082**, and if you desaturate by 10%, it is **43.9279, 9.3703, -72.8208**.

Distribution



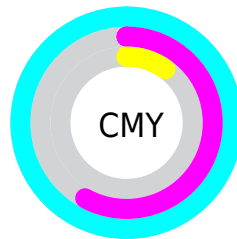
- Red (0%)
- Green (42%)
- Blue (90%)



- Red (0%)
- Yellow (29%)
- Blue (90%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (58%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4750, 15.1901, -83.3814 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 40.4750, 15.1901, -83.3814 by changing the saturation by 10% instead.

■ 40.4750, 15.1901,
-83.3814

■ 40.4750, 15.1901,
-83.3814

■ 152.1806, 17.6715,
-88.9059

■ 31.2975, 14.4838,
-84.4442

■ 61.0420, 16.2803,
-83.4058

■ 22.9423, 13.6440,
-87.0824

■ 72.3335, 16.6863,
-83.9376

■ 15.5005, 12.6512,
-93.0211

■ 84.2463, 17.0128,
-84.6365

■ 9.0954, 11.5239,
-107.4283

■ 96.7497, 17.2672,
-85.4330

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.8168, 17.4555,
-86.2827

0.0000, NaN, -NF

123.4244, 17.5829,

0.0000, NaN, -NF

-87.1568

0.0000, NaN, NaN

137.5518, 17.6537,
-88.0356

■ 40.4750, 15.1901,
-83.3814

■ 40.4750, 15.1901,
-83.3814

■ 40.4670, 15.2072,
-83.4082

■ 43.9279, 9.3703,
-72.8208

■ 47.7423, 4.4725,
-62.5623

■ 51.9172, 0.6011,
-52.6546

■ 56.4186, -2.2972,
-43.1773

■ 61.2113, -4.3166,
-34.1598

■ 66.2626, -5.5630,
-25.5954

■ 71.5437, -6.1395,
-17.4553

■ 77.0294, -6.1392,
-9.7000

■ 82.6986, -5.6431,
-2.2865

Harmonies

Analogous

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



40.4755, -13.2585, -86.3015



40.4750, 15.1901, -83.3814



40.4755, 45.5164, -50.0246

Triad

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



40.4755, 15.1918, -83.3803



40.4755, 41.0863, 24.6667



40.4755, -42.4165, 11.8658

Complementary

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



40.4750, 15.1901, -83.3814



55.0885, 30.4772, 34.4770

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.



40.4755, -34.6277, 23.7944



40.4750, 15.1901, -83.3814



40.4755, 10.2762, 27.0902

Square

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



40.4755, 15.1918, -83.3803



40.4755, 63.0346, 14.7014



40.4755, -17.0090, 26.9330



40.4755, -41.7699, -16.2558

Rectangle

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



40.4750, 15.1901, -83.3814



40.4755, 60.4255, -22.8364



40.4755, -17.0090, 26.9330



40.4755, -40.8109, 17.3578

Sweetspot

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



40.4755, 15.1918, -83.3803



80.7003, -6.9295, -19.9018



75.7334, -58.7356, 32.1358



36.1522, -3.1149, -10.9878

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.4755, 15.1918, -83.3803



45.5057, 17.6211, -94.9170



23.8400, 64.5420, -168.5391



38.7326, -2.6158, -0.8919



30.9836, 10.6999, -61.8249



9.4560, 0.9153, -13.7950

Inverse Universe

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



42.1214, 74.6967, 7.2926



47.5622, 84.3143, 8.5426



84.8978, -24.2512, 51.8879



38.0533, 2.1662, 1.0821



31.8855, 56.6201, 4.9818



8.7746, 15.7806, -0.1726

Previews

White Background



This preview shows how the HunterLab color 40.4750, 15.1901, -83.3814 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 40.4750, 15.1901, -83.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

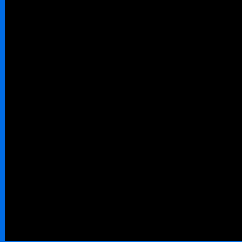
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

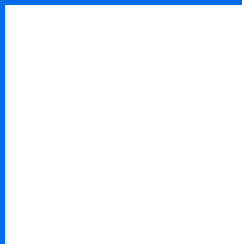
Any Text WCAG AAA × Fail

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

HunterLab 40.4750, 15.1901, -83.3814 Background



This preview shows how black text looks on a background with the HunterLab color 40.4750, 15.1901, -83.3814.



This preview shows how white text looks on a background with the HunterLab color 40.4750, 15.1901, -83.3814.

-83.3814.

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

40.4750, 15.1901, -83.3814

Protanopia

40.6003, 15.5716, -82.9625

Deuteranopia

40.4211, 1.3489, -53.4348



Tritanopia

40.4143, -19.9392, -7.4714

Trichromacy



Original Color

40.4750, 15.1901, -83.3814

Protanomaly

40.5547, 15.4328, -83.1148

Deuteranomaly

40.2390, 6.3368, -63.9745

Tritanomaly

39.9796, -9.3688, -29.7464

Monochromacy



Original Color

40.4750, 15.1901, -83.3814

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.6784, -1.8560, -23.6428

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4750, 15.1901, -83.3814 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, 108, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 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, 108, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4750, 15.1901, -83.3814 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, 108, 229) }
```


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

```
.border{ border-color:rgb(0, 108, 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, 108, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
229) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4750, 15.1901, -83.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 229) }
```

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

```
.background{ background-color: rgb(0, 108,  
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](#).

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