

Converting Colors

HunterLab(41.5661, 6.1303,
-65.2003)

Have a look what the booklet for
HunterLab(41.5661, 6.1303,
-65.2003) contains.

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Color

**HunterLab(41.6483, 5.9029,
-64.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	0074D6
RGB	0, 116, 214
RGB Percent	0%, 45%, 84%
CMY	0.9998, 0.5451, 0.1608
CMYK	1.00, 0.46, 0.00, 0.16
HSL	207°, 100%, 42%
HSV	207°, 100%, 84%
XYZ	18.3830, 17.3458, 65.9975
YIQ	92.4880, -100.5940, 5.8860

Conversions

Conversions Part 2

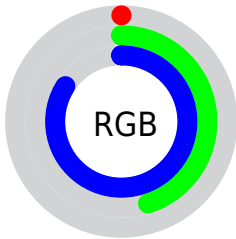
Format	Color
RYB	0, 75, 214
Decimal	29910
CIELab	48.69, 10.31, -57.72
CIELCh	49, 58.632, 280.125
Yxy	17.3463, 0.1807, 0.1705
Android (android.graphics.Color)	4278219990 (0xFF0074D6)
YUV	92.4880, 59.9054, -81.1120
Hunter-Lab	41.6483, 5.9029, -64.7994

Details

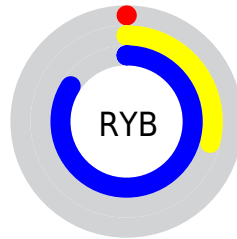
The HunterLab color **41.6483, 5.9029, -64.7994** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **48.0014, 35.3826, 30.1959**, and the grayscale version is **32.7128, -1.7455, 1.7774**.

A 20% lighter version of the original color is **61.3385, 1.0160, -53.6338**, and **25.9323, 11.7475, -57.7727** is the 20% darker color. If you saturate the color by 10%, you get **41.6420, 5.9150, -64.8175**, and if you desaturate by 10%, it is **44.5991, 1.5668, -57.0654**.

Distribution



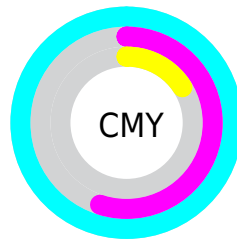
- Red (0%)
- Green (45%)
- Blue (84%)



- Red (0%)
- Yellow (29%)
- Blue (84%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.6483, 5.9029, -64.7994 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 41.6483, 5.9029, -64.7994 by changing the saturation by 10% instead.

■ 41.6483, 5.9029,
-64.7994

■ 41.6483, 5.9029,
-64.7994

154.0000, 4.0793,
-71.1378

■ 32.3755, 5.7948,
-64.9007

■ 62.3861, 5.8886,
-65.7275

■ 23.9155, 5.5899,
-65.8667

■ 73.7552, 5.7818,
-66.4415

■ 16.3563, 5.2689,
-68.6585

■ 85.7417, 5.6175,
-67.2204

■ 9.8217, 4.8002,
-76.0131

■ 98.3152, 5.4008,
-68.0256

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.4496, 5.1355,
-68.8328

0.0000, NaN, -NF

125.1217, 4.8250,

0.0000, NaN, -NF

-69.6266

0.0000, NaN, NaN

139.3113, 4.4721,
-70.3971

■ 41.6483, 5.9029,
-64.7994

■ 41.6483, 5.9029,
-64.7994

■ 41.6420, 5.9150,
-64.8175

■ 44.5991, 1.5668,
-57.0654

■ 47.8150, -2.0088,
-49.4581

■ 51.3119, -4.7193,
-41.9748

■ 55.0724, -6.5965,
-34.6710

■ 59.0752, -7.7045,
-27.5831

■ 63.2987, -8.1209,
-20.7276

■ 67.7222, -7.9248,
-14.1061

■ 72.3269, -7.1908,
-7.7098

■ 77.0961, -5.9865,
-1.5239

Harmonies

Analogous

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



41.6489, -16.3205, -60.5682



41.6483, 5.9029, -64.7994



41.6489, 30.5685, -44.9316

Triad

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



41.6489, 5.9041, -64.7984



41.6489, 37.6307, 21.3807



41.6489, -36.3996, 14.2595

Complementary

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



41.6483, 5.9029, -64.7994



48.0014, 35.3826, 30.1959

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.



41.6489, -27.2328, 23.4028



41.6483, 5.9029, -64.7994



41.6489, 14.0380, 25.6781

Square

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



41.6489, 5.9041, -64.7984



41.6489, 51.3628, 9.0532



41.6489, -9.7739, 26.1335



41.6489, -37.6471, -5.8966

Rectangle

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



41.6483, 5.9029, -64.7994



41.6489, 43.8996, -24.8660



41.6489, -9.7739, 26.1335



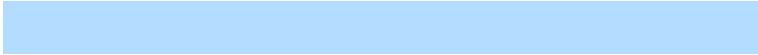
41.6489, -34.2554, 18.3399

Sweetspot

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



41.6489, 5.9041, -64.7984



82.4070, -9.6825, -17.4589



69.9602, -55.6492, 32.6891



37.0508, -4.5618, -9.6540

0.0000, NaN, NaN



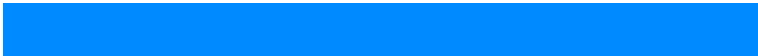
46.2646, -2.4686, 2.5136

Same Dimension

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



41.6489, 5.9041, -64.7984



50.4513, 7.8276, -79.9574



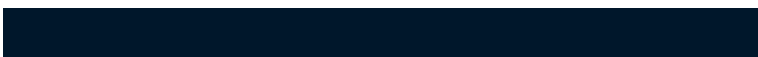
22.5589, 57.4923, -152.2978



36.2113, -2.7649, -0.5555



32.6982, 4.0008, -49.5066



8.9976, -0.6927, -9.7510

Inverse Universe

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



39.4440, 70.7386, 0.7070



48.0632, 86.1392, 1.3710



75.5986, -16.2242, 46.2983



35.4009, 2.0944, 0.7128



30.6988, 55.1235, 0.0634



7.6488, 13.9337, -1.5292

Previews

White Background



This preview shows how the HunterLab color 41.6483, 5.9029, -64.7994 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 41.6483, 5.9029, -64.7994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

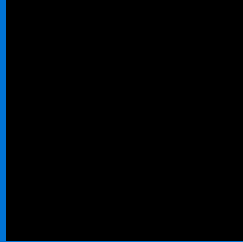
Any Text WCAG AA × Fail

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 41.6483, 5.9029, -64.7994 Background



This preview shows how black text looks on a background with the HunterLab color 41.6483, 5.9029, -64.7994.



This preview shows how white text looks on a background with the HunterLab color 41.6483, 5.9029, -64.7994.

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

41.6483, 5.9029, -64.7994

Protanopia

41.7550, 11.3237, -60.6509

Deuteranopia

41.5061, 3.1566, -58.6932



Tritanopia

41.5265, -20.0817, -8.5539

Trichromacy



Original Color

41.6483, 5.9029, -64.7994

Protanomaly

41.2638, 8.5051, -62.9750

Deuteranomaly

41.6842, 4.1072, -60.9678

Tritanomaly

41.3907, -12.0614, -25.6976

Monochromacy



Original Color

41.6483, 5.9029, -64.7994

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.7035, -4.2923, -19.1253

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6483, 5.9029, -64.7994 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, 116, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 214)  
}
```

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, 116, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6483, 5.9029, -64.7994 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, 116, 214) }
```


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

```
.border{ border-color:rgb(0, 116, 214) }
```

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

Here you see how a box with a 4 pixel rgb(0, 116, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.6483, 5.9029, -64.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 214) }
```

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

```
.background{ background-color: rgb(0, 116,  
214) }
```

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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