

Converting Colors

HunterLab(34.2069, -20.6024,
-88.7466)

Have a look what the booklet for
HunterLab(34.2069, -20.6024,
-88.7466) contains.

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Color

**HunterLab(41.5871, 5.5793,
-64.0244)**

Conversions

Conversions Part 1

Format	Color
Hex	0074D5
RGB	0, 116, 213
RGB Percent	0%, 45%, 84%
CMY	0.9998, 0.5451, 0.1647
CMYK	1.00, 0.46, 0.00, 0.16
HSL	207°, 100%, 42%
HSV	207°, 100%, 84%
XYZ	18.2556, 17.2949, 65.3269
YIQ	92.3740, -100.2730, 5.5750

Conversions

Conversions Part 2

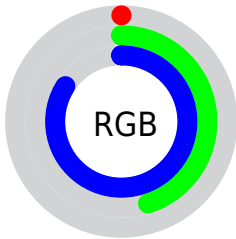
Format	Color
RYB	0, 75, 213
Decimal	29909
CIELab	48.63, 9.91, -57.25
CIELCh	49, 58.105, 279.821
Yxy	17.2954, 0.1810, 0.1714
Android (android.graphics.Color)	4278219989 (0xFF0074D5)
YUV	92.3740, 59.4686, -81.0120
Hunter-Lab	41.5871, 5.5793, -64.0244

Details

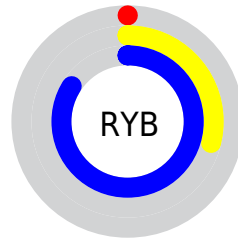
The HunterLab color **41.5871, 5.5793, -64.0244** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **47.6498, 35.4399, 29.9802**, and the grayscale version is **32.6720, -1.7433, 1.7751**.

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 **41.5809, 5.5910, -64.0419**, and if you desaturate by 10%, it is **44.5121, 1.3042, -56.4000**.

Distribution



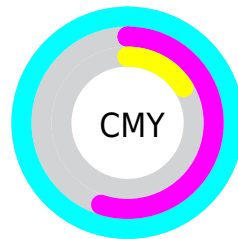
- Red (0%)
- Green (45%)
- Blue (84%)



- 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 41.5871, 5.5793, -64.0244 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 41.5871, 5.5793, -64.0244 by changing the saturation by 10% instead.

41.5871, 5.5793,
-64.0244

41.5871, 5.5793,
-64.0244

153.9054, 3.6021,
-70.3633

32.3192, 5.4929,
-64.1005

62.3160, 5.5253,
-64.9744

23.8646, 5.3112,
-65.0228

73.6812, 5.4002,
-65.6914

16.3115, 5.0153,
-67.7362

85.6639, 5.2185,
-66.4702

9.7839, 4.5738,
-74.9362

98.2338, 4.9849,
-67.2730

0.0000, INF, -NF

0.0000, NaN, -NF

111.3646, 4.7035,
-68.0763

0.0000, NaN, -NF

125.0334, 4.3775,

0.0000, NaN, -NF

-68.8650

0.0000, NaN, NaN

139.2197, 4.0095,
-69.6294

■ 41.5871, 5.5793,
-64.0244

■ 41.5871, 5.5793,
-64.0244

■ 41.5809, 5.5910,
-64.0419

■ 44.5121, 1.3042,
-56.4000

■ 47.6984, -2.2181,
-48.8967

■ 51.1626, -4.8829,
-41.5106

■ 54.8877, -6.7212,
-34.2964

■ 58.8530, -7.7961,
-27.2902

■ 63.0371, -8.1839,
-20.5093

■ 67.4198, -7.9627,
-13.9559

■ 71.9824, -7.2065,
-7.6222

■ 76.7085, -5.9820,
-1.4940

Harmonies

Analogous

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



41.5877, -16.3814, -59.5983



41.5871, 5.5793, -64.0244



41.5877, 29.9965, -44.6363

Triad

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



41.5877, 5.5805, -64.0234



41.5877, 37.4101, 21.1777



41.5877, -36.0776, 14.3016

Complementary

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



41.5871, 5.5793, -64.0244



47.6498, 35.4399, 29.9802

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.



41.5877, -26.8860, 23.3266



41.5871, 5.5793, -64.0244



41.5877, 14.1304, 25.5382

Square

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



41.5877, 5.5805, -64.0234



41.5877, 50.8347, 8.8092



41.5877, -9.4872, 26.0257



41.5877, -37.3958, -5.5560

Rectangle

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



41.5871, 5.5793, -64.0244



41.5877, 43.2395, -24.8668



41.5877, -9.4872, 26.0257



41.5877, -33.9190, 18.3257

Sweetspot

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



41.5877, 5.5805, -64.0234



82.4690, -9.7816, -17.3712



69.5927, -55.3538, 32.5107



37.0836, -4.6139, -9.6061

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.5877, 5.5805, -64.0234



50.6366, 7.4818, -79.4424



22.4431, 57.1776, -151.4738



36.2188, -2.7771, -0.5464



32.8146, 3.7875, -49.1914



9.0225, -0.7333, -9.6943

Inverse Universe

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



39.2534, 70.4278, 0.4634



48.0828, 86.2106, 1.0910



75.2019, -16.1403, 46.0554



35.4017, 2.0985, 0.7019



30.7114, 55.1690, -0.1147



7.6518, 13.9444, -1.5706

Previews

White Background



This preview shows how the HunterLab color 41.5871, 5.5793, -64.0244 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 41.5871, 5.5793, -64.0244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

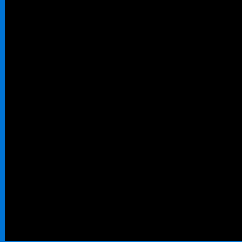
Any Text WCAG AA × Fail

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 41.5871, 5.5793, -64.0244 Background



This preview shows how black text looks on a background with the HunterLab color 41.5871, 5.5793, -64.0244.



This preview shows how white text looks on a background with the HunterLab color 41.5871, 5.5793, -64.0244.

-64.0244.

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

41.5871, 5.5793, -64.0244

Protanopia

41.6954, 11.0166, -59.8906

Deuteranopia

41.5061, 3.1566, -58.6932



Tritanopia

41.4921, -20.2851, -8.0717

Trichromacy



Original Color

41.5871, 5.5793, -64.0244

Protanomaly

41.2031, 8.1884, -62.2053

Deuteranomaly

41.6245, 3.7892, -60.2069

Tritanomaly

41.3469, -12.3122, -25.1015

Monochromacy



Original Color

41.5871, 5.5793, -64.0244

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.6623, -4.5210, -18.5624

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5871, 5.5793, -64.0244 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5871, 5.5793, -64.0244 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, 213) }
```


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

```
.border{ border-color:rgb(0, 116, 213) }
```

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, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5871, 5.5793, -64.0244 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, 213) }
```

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

```
.background{ background-color: rgb(0, 116,  
213) }
```

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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