

Converting Colors

HunterLab(42.0284, 5.2875,
-63.9461)

Have a look what the booklet for
HunterLab(42.0284, 5.2875,
-63.9461) contains.

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Color

**HunterLab(41.9257, 5.3897,
-64.0383)**

Conversions

Conversions Part 1

Format	Color
Hex	0075D6
RGB	0, 117, 214
RGB Percent	0%, 46%, 84%
CMY	0.9998, 0.5412, 0.1608
CMYK	1.00, 0.45, 0.00, 0.16
HSL	207°, 100%, 42%
HSV	207°, 100%, 84%
XYZ	18.4989, 17.5776, 66.0362
YIQ	93.0750, -100.8690, 5.3630

Conversions

Conversions Part 2

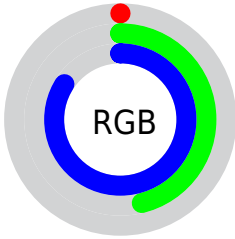
Format	Color
RYB	0, 76, 214
Decimal	30166
CIELab	48.98, 9.68, -57.26
CIElCh	49, 58.070, 279.593
Yxy	17.5781, 0.1812, 0.1721
Android (android.graphics.Color)	4278220246 (0xFF0075D6)
YUV	93.0750, 59.6160, -81.6268
Hunter-Lab	41.9257, 5.3897, -64.0383

Details

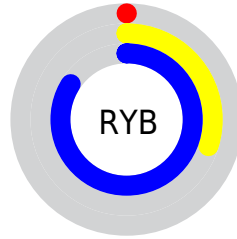
The HunterLab color **41.9257, 5.3897, -64.0383** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **47.8071, 35.8604, 30.0845**, and the grayscale version is **32.9314, -1.7571, 1.7892**.

A 20% lighter version of the original color is **61.6376, 0.4994, -53.0148**, and **26.1705, 11.2341, -56.9620** is the 20% darker color. If you saturate the color by 10%, you get **41.9194, 5.4015, -64.0560**, and if you desaturate by 10%, it is **44.8571, 1.1166, -56.4280**.

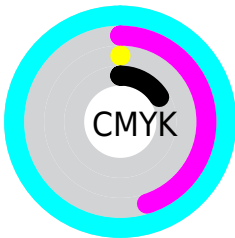
Distribution



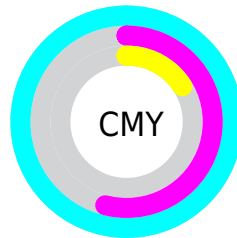
- Red (0%)
- Green (46%)
- Blue (84%)



- Red (0%)
- Yellow (30%)
- Blue (84%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (54%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9257, 5.3897, -64.0383 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 41.9257, 5.3897, -64.0383 by changing the saturation by 10% instead.

■ 41.9257, 5.3897,
-64.0383

■ 41.9257, 5.3897,
-64.0383

■ 154.4287, 3.3034,
-70.3955

■ 32.6306, 5.3195,
-64.0942

■ 62.7034, 5.3068,
-65.0048

■ 24.1461, 5.1555,
-64.9762

■ 74.0907, 5.1685,
-65.7248

■ 16.5596, 4.8794,
-67.5993

■ 86.0945, 4.9744,
-66.5050

■ 9.9934, 4.4606,
-74.5495

■ 98.6844, 4.7290,
-67.3082

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.8345, 4.4363,
-68.1112

0.0000, NaN, -NF

125.5218, 4.0993,

0.0000, NaN, -NF

-68.8992

0.0000, NaN, NaN

139.7259, 3.7210,
-69.6627

■ 41.9257, 5.3897,
-64.0383

■ 41.9257, 5.3897,
-64.0383

■ 41.9194, 5.4015,
-64.0560

■ 44.8571, 1.1166,
-56.4280

■ 48.0501, -2.4012,
-48.9342

■ 51.5213, -5.0586,
-41.5529

■ 55.2541, -6.8860,
-34.3388

■ 59.2280, -7.9463,
-27.3285

■ 63.4215, -8.3157,
-20.5399

■ 67.8146, -8.0724,
-13.9759

■ 72.3886, -7.2905,
-7.6292

■ 77.1269, -6.0370,
-1.4863

Harmonies

Analogous

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



41.9263, -16.5780, -59.4275



41.9257, 5.3897, -64.0383



41.9263, 29.8473, -44.8278

Triad

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



41.9263, 5.3909, -64.0373



41.9263, 37.5906, 21.2201



41.9263, -36.1695, 14.4649

Complementary

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



41.9257, 5.3897, -64.0383



47.8071, 35.8604, 30.0845

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.



41.9263, -26.8744, 23.4849



41.9257, 5.3897, -64.0383



41.9263, 14.3298, 25.6683

Square

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



41.9263, 5.3909, -64.0373



41.9263, 50.9100, 8.7072



41.9263, -9.3601, 26.1849



41.9263, -37.5529, -5.3544

Rectangle

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



41.9257, 5.3897, -64.0383



41.9263, 43.1468, -25.0969



41.9263, -9.3601, 26.1849



41.9263, -33.9800, 18.4844

Sweetspot

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



41.9263, 5.3909, -64.0373



82.5209, -9.8644, -17.2979



69.9603, -55.6492, 32.6891



37.1109, -4.6574, -9.5662

0.0000, NaN, NaN



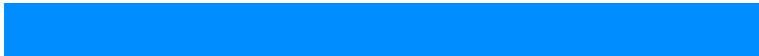
46.2646, -2.4686, 2.5136

Same Dimension

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



41.9263, 5.3909, -64.0373



50.7917, 7.1934, -79.0137



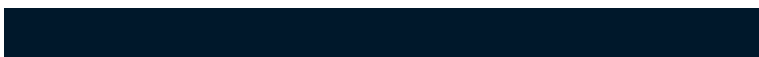
22.5589, 57.4924, -152.2980



36.2250, -2.7872, -0.5389



32.9119, 3.6095, -48.9290



9.0433, -0.7672, -9.6470

Inverse Universe

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



39.4737, 70.8463, 0.2852



48.0993, 86.2706, 0.8561



75.5987, -16.2242, 46.2984



35.4023, 2.1020, 0.6928



30.7219, 55.2071, -0.2641



7.6543, 13.9533, -1.6052

Previews

White Background



This preview shows how the HunterLab color 41.9257, 5.3897, -64.0383 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 41.9257, 5.3897, -64.0383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

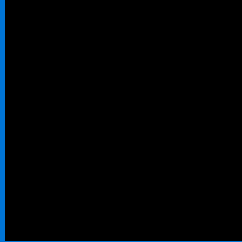
Any Text WCAG AA ✓ Pass

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 41.9257, 5.3897, -64.0383 Background



This preview shows how black text looks on a background with the HunterLab color 41.9257, 5.3897, -64.0383.



This preview shows how white text looks on a background with the HunterLab color 41.9257, 5.3897, -64.0383.

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

41.9257, 5.3897, -64.0383

Protanopia

42.1054, 11.0700, -59.7189

Deuteranopia

41.8461, 2.9690, -58.7131



Tritanopia

41.8410, -20.4681, -8.1129

Trichromacy



Original Color

41.9257, 5.3897, -64.0383

Protanomaly

41.5611, 8.0715, -62.1659

Deuteranomaly

41.9643, 3.6010, -60.2252

Tritanomaly

41.6939, -12.4918, -25.1475

Monochromacy



Original Color

41.9257, 5.3897, -64.0383

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.9838, -4.7368, -18.6363

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9257, 5.3897, -64.0383 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 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, 117, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9257, 5.3897, -64.0383 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, 214) }
```


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

```
.border{ border-color:rgb(0, 117, 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, 117, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9257, 5.3897, -64.0383 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, 214) }
```

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

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