

Converting Colors

HunterLab(35.7236, -20.3776,
-87.8329)

Have a look what the booklet for
HunterLab(35.7236, -20.3776,
-87.8329) contains.

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Color

**HunterLab(42.6654, 5.3331,
-64.8408)**

Conversions

Conversions Part 1

Format	Color
Hex	0077D9
RGB	0, 119, 217
RGB Percent	0%, 47%, 85%
CMY	0.9998, 0.5333, 0.1490
CMYK	1.00, 0.45, 0.00, 0.15
HSL	207°, 100%, 43%
HSV	207°, 100%, 85%
XYZ	19.1212, 18.2034, 68.1514
YIQ	94.5910, -102.3820, 5.2500

Conversions

Conversions Part 2

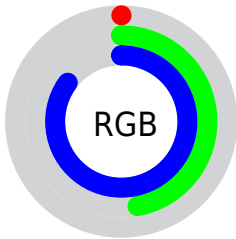
Format	Color
RYB	0, 77, 217
Decimal	30681
CIELab	49.74, 9.61, -57.73
CIELCh	50, 58.526, 279.446
Yxy	18.2039, 0.1813, 0.1726
Android (android.graphics.Color)	4278220761 (0xFF0077D9)
YUV	94.5910, 60.3476, -82.9563
Hunter-Lab	42.6654, 5.3331, -64.8408

Details

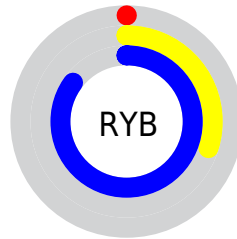
The HunterLab color **42.6654, 5.3331, -64.8408** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **48.4736, 36.6475, 30.5090**, and the grayscale version is **33.4919, -1.7870, 1.8197**.

A 20% lighter version of the original color is **62.5864, -0.8846, -51.0748**, and **26.8476, 11.1948, -57.7236** is the 20% darker color. If you saturate the color by 10%, you get **42.6591, 5.3450, -64.8585**, and if you desaturate by 10%, it is **45.6357, 1.0028, -57.1494**.

Distribution



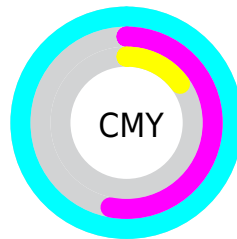
- Red (0%)
- Green (47%)
- Blue (85%)



- Red (0%)
- Yellow (30%)
- Blue (85%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.6654, 5.3331, -64.8408 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 42.6654, 5.3331, -64.8408 by changing the saturation by 10% instead.

■ 42.6654, 5.3331,
-64.8408

■ 42.6654, 5.3331,
-64.8408

■ 155.5692, 3.1832,
-71.2350

■ 33.3113, 5.2733,
-64.8816

■ 63.5487, 5.2324,
-65.8186

■ 24.7624, 5.1213,
-65.7274

■ 74.9842, 5.0863,
-66.5417

■ 17.1037, 4.8594,
-68.2520

■ 87.0336, 4.8849,
-67.3249

■ 10.4541, 4.4579,
-74.8765

■ 99.6672, 4.6327,
-68.1313

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.8589, 4.3335,
-68.9379

0.0000, NaN, -NF

126.5863, 3.9905,

0.0000, NaN, -NF

-69.7298

0.0000, NaN, NaN

140.8290, 3.6063,
-70.4976

■ 42.6654, 5.3331,
-64.8408

■ 42.6654, 5.3331,
-64.8408

■ 42.6591, 5.3450,
-64.8585

■ 45.6357, 1.0028,
-57.1494

■ 48.8715, -2.5591,
-49.5708

■ 52.3895, -5.2473,
-42.1022

■ 56.1732, -7.0918,
-34.7990

■ 60.2016, -8.1561,
-27.6987

■ 64.4535, -8.5172,
-20.8201

■ 68.9082, -8.2546,
-14.1667

■ 73.5470, -7.4434,
-7.7316

■ 78.3529, -6.1519,
-1.5016

Harmonies

Analogous

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



42.6660, -16.9112, -60.0534



42.6654, 5.3331, -64.8408



42.6660, 30.1199, -45.5074

Triad

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



42.6660, 5.3343, -64.8397



42.6660, 38.1735, 21.5096



42.6660, -36.6766, 14.7504

Complementary

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



42.6654, 5.3331, -64.8408



48.4736, 36.6475, 30.5090

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.



42.6660, -27.1991, 23.8787



42.6654, 5.3331, -64.8408



42.6660, 14.6372, 26.0702

Square

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



42.6660, 5.3343, -64.8397



42.6660, 51.5895, 8.7480



42.6660, -9.3930, 26.6124



42.6660, -38.1199, -5.2899

Rectangle

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



42.6654, 5.3331, -64.8408



42.6660, 43.6210, -25.5573



42.6660, -9.3930, 26.6124



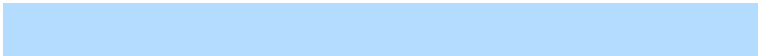
42.6660, -34.4399, 18.8165

Sweetspot

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



42.6660, 5.3343, -64.8397



82.5613, -9.9289, -17.2408



71.0648, -56.5373, 33.2256



37.1322, -4.6912, -9.5351

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.6660, 5.3343, -64.8397



50.9128, 6.9688, -78.6802



22.9066, 58.4387, -154.7756



37.1411, -2.8678, -0.5539



33.5112, 3.5713, -49.5955



9.4808, -0.7317, -10.2706

Inverse Universe

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



40.1059, 71.9963, 0.1722



48.1123, 86.3175, 0.6722



76.7908, -16.4763, 47.0285



36.2910, 2.1695, 0.6993



31.2369, 56.1433, -0.3511



8.0587, 14.6806, -1.6131

Previews

White Background



This preview shows how the HunterLab color 42.6654, 5.3331, -64.8408 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 42.6654, 5.3331, -64.8408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

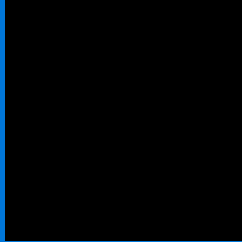
Any Text WCAG AA ✓ Pass

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 42.6654, 5.3331, -64.8408 Background



This preview shows how black text looks on a background with the HunterLab color 42.6654, 5.3331, -64.8408.



This preview shows how white text looks on a background with the HunterLab color 42.6654, 5.3331, -64.8408.

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

42.6654, 5.3331, -64.8408

Protanopia

42.7984, 10.7701, -59.7280

Deuteranopia

42.6455, 3.2243, -60.2636



Tritanopia

42.5747, -20.6307, -8.6788

Trichromacy



Original Color

42.6654, 5.3331, -64.8408

Protanomaly

42.3128, 8.0681, -62.9298

Deuteranomaly

42.7644, 3.8596, -61.7837

Tritanomaly

42.4334, -12.6012, -25.8356

Monochromacy



Original Color

42.6654, 5.3331, -64.8408

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.6726, -5.0131, -18.7041

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.6654, 5.3331, -64.8408 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, 119, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 217)  
}
```

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, 119, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 42.6654, 5.3331, -64.8408 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, 119, 217) }
```


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

```
.border{ border-color:rgb(0, 119, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 217);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.6654, 5.3331, -64.8408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 217) }
```

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

```
.background{ background-color: rgb(0, 119,  
217) }
```

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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