

Converting Colors

HunterLab(41.7099, 0.4302,
-53.0624)

Have a look what the booklet for
HunterLab(41.7099, 0.4302,
-53.0624) contains.

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Color

**HunterLab(41.7261, 0.3000,
-52.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	0077C9
RGB	0, 119, 201
RGB Percent	0%, 47%, 79%
CMY	0.9998, 0.5333, 0.2118
CMYK	1.00, 0.41, 0.00, 0.21
HSL	204°, 100%, 39%
HSV	204°, 100%, 79%
XYZ	17.1394, 17.4107, 57.7156
YIQ	92.7670, -97.2460, 0.2740

Conversions

Conversions Part 2

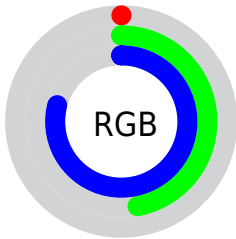
Format	Color
RYB	0, 75, 201
Decimal	30665
CIELab	48.77, 3.29, -50.18
CIELCh	49, 50.289, 273.747
Yxy	17.4112, 0.1858, 0.1887
Android (android.graphics.Color)	4278220745 (0xFF0077C9)
YUV	92.7670, 53.3589, -81.3567
Hunter-Lab	41.7261, 0.3000, -52.8017

Details

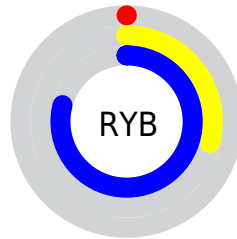
The HunterLab color **41.7261, 0.3000, -52.8017** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **42.9637, 37.4397, 27.1278**, and the grayscale version is **32.8379, -1.7522, 1.7841**.

A 20% lighter version of the original color is **62.4039, -1.5131, -51.4604**, and **25.6550, 6.8798, -46.9180** is the 20% darker color. If you saturate the color by 10%, you get **41.7213, 0.3085, -52.8141**, and if you desaturate by 10%, it is **44.2701, -3.0824, -46.7817**.

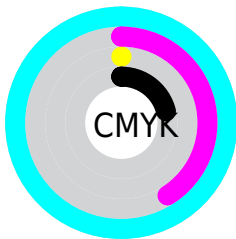
Distribution



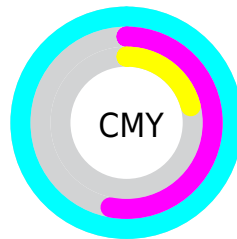
- Red (0%)
- Green (47%)
- Blue (79%)



- Red (0%)
- Yellow (29%)
- Blue (79%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (53%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7261, 0.3000, -52.8017 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 41.7261, 0.3000, -52.8017 by changing the saturation by 10% instead.

■ 41.7261, 0.3000,
-52.8017

■ 41.7261, 0.3000,
-52.8017

■ 154.1204, -4.3481,
-58.9581

■ 32.4470, 0.5981,
-52.5114

■ 62.4751, -0.4509,
-54.0351

■ 23.9802, 0.8334,
-52.7619

■ 73.8494, -0.8959,
-54.7730

■ 16.4133, 0.9956,
-54.1939

■ 85.8407, -1.3820,
-55.5267

■ 9.8698, 1.0671,
-58.6343

■ 98.4189, -1.9065,
-56.2723

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.5576, -2.4673,
-56.9954

0.0000, NaN, -NF

■ 125.2340, -3.0622,

0.0000, NaN, NaN

-57.6872

0.0000, NaN, NaN

139.4277, -3.6896,
-58.3425

■ 41.7261, 0.3000,
-52.8017

■ 41.7261, 0.3000,
-52.8017

■ 41.7213, 0.3085,
-52.8141

■ 44.2701, -3.0824,
-46.7817

■ 47.0256, -5.8179,
-40.7952

■ 50.0159, -7.7968,
-34.8220

■ 53.2316, -9.0365,
-28.9049

■ 56.6590, -9.5834,
-23.0794

■ 60.2824, -9.4975,
-17.3695

■ 64.0861, -8.8429,
-11.7885

■ 68.0551, -7.6827,
-6.3410

■ 72.1755, -6.0752,
-1.0256

Harmonies

Analogous

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



41.7267, -17.8372, -45.3193



41.7261, 0.3000, -52.8017



41.7267, 21.2198, -40.7298

Triad

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



41.7267, 0.3010, -52.8007



41.7267, 34.5808, 17.8515



41.7267, -31.2929, 15.3744

Complementary

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



41.7261, 0.3000, -52.8017



42.9637, 37.4397, 27.1278

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.



41.7267, -21.4243, 22.6139



41.7261, 0.3000, -52.8017



41.7267, 16.0761, 23.5016

Square

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



41.7267, 0.3010, -52.8007



41.7267, 43.2151, 4.5803



41.7267, -4.6994, 24.7108



41.7267, -33.9508, -0.1776

Rectangle

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



41.7261, 0.3000, -52.8017



41.7267, 33.3175, -25.4865



41.7267, -4.6994, 24.7108



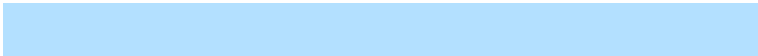
41.7267, -28.8133, 18.5687

Sweetspot

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



41.7267, 0.3010, -52.8007



83.6300, -11.6231, -15.7438



65.0841, -52.5968, 32.1945



37.6958, -5.5805, -8.7199

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.7267, 0.3010, -52.8007



54.1632, 1.1434, -70.1677



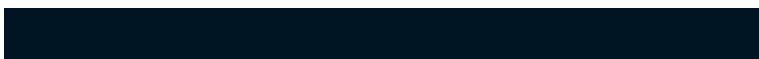
21.7315, 50.6456, -136.4845



33.6357, -2.7702, -0.3294



33.3593, -0.2299, -41.1999



8.1656, -1.5130, -6.9402

Inverse Universe

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



37.0816, 67.0886, -3.8817



48.4692, 87.6113, -4.3872



67.3994, -10.4445, 41.3472



32.7728, 1.9768, 0.4732



29.4337, 53.3134, -3.5175



6.5141, 11.9942, -2.2924

Previews

White Background



This preview shows how the HunterLab color 41.7261, 0.3000, -52.8017 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 41.7261, 0.3000, -52.8017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

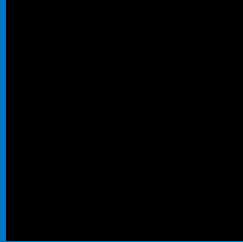
Any Text WCAG AA × Fail

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 41.7261, 0.3000, -52.8017 Background



This preview shows how black text looks on a background with the HunterLab color 41.7261, 0.3000, -52.8017.



This preview shows how white text looks on a background with the HunterLab color 41.7261, 0.3000, -52.8017.

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

41.7261, 0.3000, -52.8017

Protanopia

41.8327, 8.5008, -47.2497

Deuteranopia

41.8597, 3.7607, -53.2847



Tritanopia

41.5265, -20.0817, -8.5539

Trichromacy



Original Color

41.7261, 0.3000, -52.8017

Protanomaly

41.2586, 4.0494, -50.4146

Deuteranomaly

41.7947, 2.1034, -53.4767

Tritanomaly

41.4793, -13.7241, -22.2191

Monochromacy



Original Color

41.7261, 0.3000, -52.8017

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.7829, -5.8575, -15.8800

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7261, 0.3000, -52.8017 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7261, 0.3000, -52.8017 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, 201) }
```


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

```
.border{ border-color:rgb(0, 119, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7261, 0.3000, -52.8017 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, 201) }
```

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

```
.background{ background-color: rgb(0, 119,  
201) }
```

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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