

Converting Colors

HunterLab(30.5344, -44.5023,
-100.8950)

Have a look what the booklet for
HunterLab(30.5344, -44.5023,
-100.8950) contains.

HunterLab(42.5277, 2.5934, -58.7543)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.5277, 2.5934,
-58.7543)**

Conversions

Conversions Part 1

Format	Color
Hex	0078D2
RGB	0, 120, 210
RGB Percent	0%, 47%, 82%
CMY	0.9998, 0.5294, 0.1765
CMYK	1.00, 0.43, 0.00, 0.18
HSL	206°, 100%, 41%
HSV	206°, 100%, 82%
XYZ	18.3493, 18.0861, 63.4965
YIQ	94.3800, -100.4100, 2.5500

Conversions

Conversions Part 2

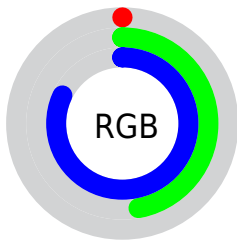
Format	Color
RYB	0, 76, 210
Decimal	30930
CIELab	49.60, 6.22, -53.99
CIElCh	50, 54.346, 276.571
Yxy	18.0866, 0.1836, 0.1810
Android (android.graphics.Color)	4278221010 (0xFF0078D2)
YUV	94.3800, 57.0007, -82.7713
Hunter-Lab	42.5277, 2.5934, -58.7543

Details

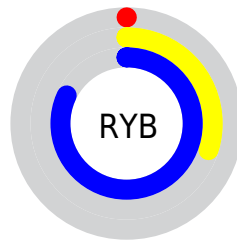
The HunterLab color **42.5277, 2.5934, -58.7543** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **45.8503, 37.4860, 28.9072**, and the grayscale version is **33.4248, -1.7835, 1.8160**.

A 20% lighter version of the original color is **62.7968, -1.7143, -50.6594**, and **26.4599, 9.2404, -53.0200** is the 20% darker color. If you saturate the color by 10%, you get **42.5219, 2.6039, -58.7698**, and if you desaturate by 10%, it is **45.2928, -1.2543, -51.9289**.

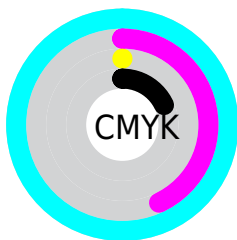
Distribution



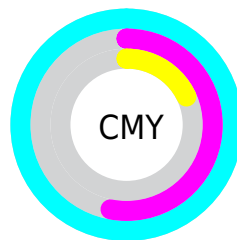
- Red (0%)
- Green (47%)
- Blue (82%)



- Red (0%)
- Yellow (30%)
- Blue (82%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5277, 2.5934, -58.7543 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 42.5277, 2.5934, -58.7543 by changing the saturation by 10% instead.

■ 42.5277, 2.5934,
-58.7543

■ 42.5277, 2.5934,
-58.7543

■ 155.3572, -0.8979,
-65.0963

■ 33.1846, 2.7250,
-58.6001

■ 63.3915, 2.1443,
-59.8919

■ 24.6476, 2.7795,
-59.0986

■ 74.8180, 1.8379,
-60.6319

■ 17.0022, 2.7429,
-60.9811

■ 86.8590, 1.4836,
-61.4073

■ 10.3681, 2.5909,
-66.2853

■ 99.4844, 1.0851,
-62.1887

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.6685, 0.6453,
-62.9578

0.0000, NaN, -NF

126.3884, 0.1669,

0.0000, NaN, -NF

-63.7031

0.0000, NaN, NaN

140.6240, -0.3482,
-64.4174

■ 42.5277, 2.5934,
-58.7543

■ 42.5277, 2.5934,
-58.7543

■ 42.5219, 2.6039,
-58.7698

■ 45.2928, -1.2543,
-51.9289

■ 48.2958, -4.3926,
-45.1705

■ 51.5569, -6.7138,
-38.4669

■ 55.0638, -8.2411,
-31.8670

■ 58.7994, -9.0289,
-25.4079

■ 62.7454, -9.1455,
-19.1120

■ 66.8836, -8.6626,
-12.9888

■ 71.1972, -7.6493,
-7.0383

■ 75.6709, -6.1691,
-1.2539

Harmonies

Analogous

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



42.5283, -17.5815, -52.3596



42.5277, 2.5934, -58.7543



42.5283, 25.4628, -43.3120

Triad

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



42.5283, 2.5945, -58.7533



42.5283, 36.5633, 19.7883



42.5283, -34.1080, 15.2359

Complementary

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



42.5277, 2.5934, -58.7543



45.8503, 37.4860, 28.9072

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.



42.5283, -24.3288, 23.4114



42.5277, 2.5934, -58.7543



42.5283, 15.5669, 24.9709

Square

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



42.5283, 2.5945, -58.7533



42.5283, 47.4513, 6.5991



42.5283, -6.9281, 25.8498



42.5283, -36.2119, -2.4672

Rectangle

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



42.5277, 2.5934, -58.7543



42.5283, 38.3156, -25.7680



42.5283, -6.9281, 25.8498



42.5283, -31.7203, 18.8554

Sweetspot

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



42.5283, 2.5945, -58.7533



83.1244, -10.8240, -16.4493



68.4036, -55.0183, 33.2727



37.4291, -5.1612, -9.1039

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.5283, 2.5945, -58.7533



52.6137, 3.8737, -74.1247



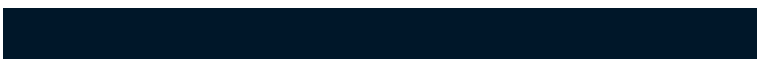
22.5200, 54.4574, -145.6980



35.3876, -2.8298, -0.4329



33.5147, 1.4954, -45.1185



8.8538, -1.1929, -8.4913

Inverse Universe

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



38.8058, 69.9434, -2.0130



48.2966, 86.9863, -1.9455



71.8492, -12.5994, 44.0514



34.5251, 2.0763, 0.5760



30.3400, 54.7511, -2.0448



7.2830, 13.3390, -2.0112

Previews

White Background



This preview shows how the HunterLab color 42.5277, 2.5934, -58.7543 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 42.5277, 2.5934, -58.7543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

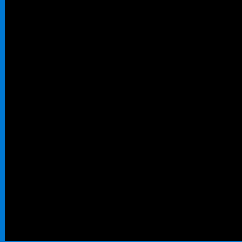
Any Text WCAG AA ✓ Pass

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 42.5277, 2.5934, -58.7543 Background



This preview shows how black text looks on a background with the HunterLab color 42.5277, 2.5934, -58.7543.



This preview shows how white text looks on a background with the HunterLab color 42.5277, 2.5934, -58.7543.

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

42.5277, 2.5934, -58.7543

Protanopia

42.4502, 10.2200, -54.3333

Deuteranopia

42.5046, 3.9624, -58.7909



Tritanopia

42.5402, -20.8347, -8.1953

Trichromacy



Original Color

42.5277, 2.5934, -58.7543

Protanomaly

42.0104, 6.2536, -57.3160

Deuteranomaly

42.3863, 3.5676, -59.1081

Tritanomaly

42.3029, -13.3489, -24.0586

Monochromacy



Original Color

42.5277, 2.5934, -58.7543

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

35.2686, -5.2493, -17.5167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5277, 2.5934, -58.7543 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, 120, 210)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 210)  
}
```

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, 120, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5277, 2.5934, -58.7543 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, 120, 210) }
```


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

```
.border{ border-color:rgb(0, 120, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 210);  
box-shadow:4px 4px 4px 4px rgb(0, 120,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5277, 2.5934, -58.7543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 210) }
```

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

```
.background{ background-color: rgb(0, 120,  
210) }
```

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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