

Converting Colors

HunterLab(31.4282, -41.4357,
-94.6006)

Have a look what the booklet for
HunterLab(31.4282, -41.4357,
-94.6006) contains.

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Color

**HunterLab(42.4693, 2.2796,
-58.0038)**

Conversions

Conversions Part 1

Format	Color
Hex	0078D1
RGB	0, 120, 209
RGB Percent	0%, 47%, 82%
CMY	0.9998, 0.5294, 0.1804
CMYK	1.00, 0.43, 0.00, 0.18
HSL	206°, 100%, 41%
HSV	206°, 100%, 82%
XYZ	18.2251, 18.0364, 62.8425
YIQ	94.2660, -100.0890, 2.2390

Conversions

Conversions Part 2

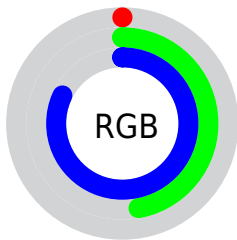
Format	Color
RYB	0, 76, 209
Decimal	30929
CIELab	49.54, 5.82, -53.52
CIELCh	50, 53.833, 276.211
Yxy	18.0369, 0.1839, 0.1820
Android (android.graphics.Color)	4278221009 (0xFF0078D1)
YUV	94.2660, 56.5639, -82.6713
Hunter-Lab	42.4693, 2.2796, -58.0038

Details

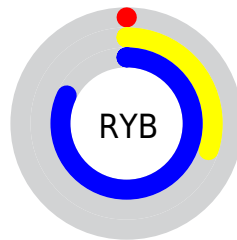
The HunterLab color **42.4693, 2.2796, -58.0038** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **45.5067, 37.5342, 28.6963**, and the grayscale version is **33.3841, -1.7813, 1.8138**.

A 20% lighter version of the original color is **62.7968, -1.7143, -50.6594**, and **26.3966, 8.9187, -52.2464** is the 20% darker color. If you saturate the color by 10%, you get **42.4635, 2.2901, -58.0193**, and if you desaturate by 10%, it is **45.2077, -1.5091, -51.2823**.

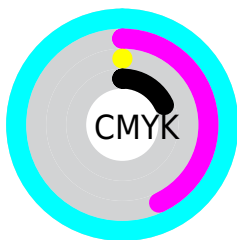
Distribution



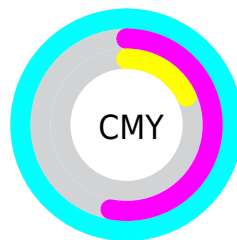
- Red (0%)
- Green (47%)
- Blue (82%)



- 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 42.4693, 2.2796, -58.0038 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 42.4693, 2.2796, -58.0038 by changing the saturation by 10% instead.

■ 42.4693, 2.2796,
-58.0038

■ 42.4693, 2.2796,
-58.0038

■ 155.2672, -1.3678,
-64.3294

■ 33.1308, 2.4336,
-57.8295

■ 63.3248, 1.7899,
-59.1567

■ 24.5989, 2.5123,
-58.2917

■ 74.7475, 1.4648,
-59.8974

■ 16.9592, 2.5023,
-60.1077

■ 86.7849, 1.0927,
-60.6708

■ 10.3316, 2.3800,
-65.2790

■ 99.4069, 0.6771,
-61.4483

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.5877, 0.2210,
-62.2120

0.0000, NaN, -NF

126.3044, -0.2732,

0.0000, NaN, -NF

-62.9510

0.0000, NaN, NaN

140.5369, -0.8034,
-63.6582

■ 42.4693, 2.2796,
-58.0038

■ 42.4693, 2.2796,
-58.0038

■ 42.4635, 2.2901,
-58.0193

■ 45.2077, -1.5091,
-51.2823

■ 48.1805, -4.5958,
-44.6230

■ 51.4087, -6.8727,
-38.0124

■ 54.8801, -8.3623,
-31.4988

■ 58.5781, -9.1179,
-25.1192

■ 62.4848, -9.2065,
-18.8962

■ 66.5823, -8.6992,
-12.8400

■ 70.8541, -7.6641,
-6.9511

■ 75.2849, -6.1642,
-1.2239

Harmonies

Analogous

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



42.4699, -17.6391, -51.4437



42.4693, 2.2796, -58.0038



42.4699, 24.9079, -43.0127

Triad

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



42.4699, 2.2807, -58.0028



42.4699, 36.3381, 19.5565



42.4699, -33.7696, 15.2746

Complementary

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



42.4693, 2.2796, -58.0038



45.5067, 37.5342, 28.6963

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.



42.4699, -23.9659, 23.3320



42.4693, 2.2796, -58.0038



42.4699, 15.6566, 24.8079

Square

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



42.4699, 2.2807, -58.0028



42.4699, 46.9280, 6.3364



42.4699, -6.6336, 25.7296



42.4699, -35.9501, -2.1499

Rectangle

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



42.4693, 2.2796, -58.0038



42.4699, 37.6729, -25.7630



42.4699, -6.6336, 25.7296



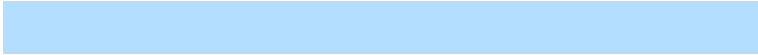
42.4699, -31.3665, 18.8397

Sweetspot

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



42.4699, 2.2807, -58.0028



83.1913, -10.9300, -16.3557



68.0379, -54.7210, 33.0881



37.4644, -5.2168, -9.0529

0.0000, NaN, NaN



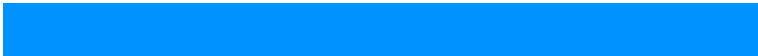
46.2646, -2.4686, 2.5136

Same Dimension

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



42.4699, 2.2807, -58.0028



52.8175, 3.5098, -73.5940



22.4036, 54.1489, -144.8865



35.3954, -2.8425, -0.4234



33.6403, 1.2748, -44.7993



8.8791, -1.2329, -8.4366

Inverse Universe

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



38.6168, 69.6368, -2.2677



48.3191, 87.0677, -2.2637



71.4662, -12.5345, 43.8165



34.5259, 2.0806, 0.5646



30.3541, 54.8019, -2.2432



7.2862, 13.3502, -2.0546

Previews

White Background



This preview shows how the HunterLab color 42.4693, 2.2796, -58.0038 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 42.4693, 2.2796, -58.0038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

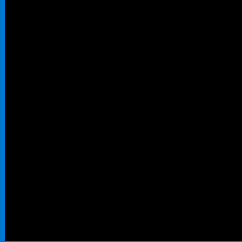
Any Text WCAG AA ✓ Pass

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 42.4693, 2.2796, -58.0038 Background



This preview shows how black text looks on a background with the HunterLab color 42.4693, 2.2796, -58.0038.



This preview shows how white text looks on a background with the HunterLab color 42.4693, 2.2796, -58.0038.

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

42.4693, 2.2796, -58.0038

Protanopia

42.3865, 9.7905, -52.7421

Deuteranopia

42.4951, 3.8137, -57.9099



Tritanopia

42.2248, -20.4474, -8.6372

Trichromacy



Original Color

42.4693, 2.2796, -58.0038

Protanomaly

41.9245, 5.7402, -55.7470

Deuteranomaly

42.3388, 3.2914, -58.3261

Tritanomaly

41.9548, -13.1688, -24.0121

Monochromacy



Original Color

42.4693, 2.2796, -58.0038

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 42.4693, 2.2796, -58.0038 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4693, 2.2796, -58.0038 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, 209) }
```


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

```
.border{ border-color:rgb(0, 120, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 209);  
box-shadow:4px 4px 4px 4px rgb(0, 120,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4693, 2.2796, -58.0038 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, 209) }
```

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

```
.background{ background-color: rgb(0, 120,  
209) }
```

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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