

Converting Colors

HunterLab(41.9243, 1.6945,
-50.1213)

Have a look what the booklet for
HunterLab(41.9243, 1.6945,
-50.1213) contains.

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Color

**HunterLab(41.8706, 2.0231,
-50.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	2876C7
RGB	40, 118, 199
RGB Percent	16%, 46%, 78%
CMY	0.8431, 0.5373, 0.2196
CMYK	0.80, 0.41, 0.00, 0.22
HSL	211°, 67%, 47%
HSV	211°, 80%, 78%
XYZ	17.6623, 17.5315, 56.4858
YIQ	103.9120, -72.4890, 8.6550

Conversions

Conversions Part 2

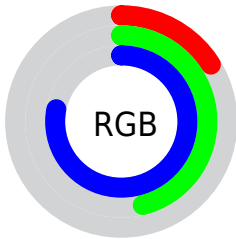
Format	Color
R_{YB}	40, 92, 199
Decimal	2651847
CIE _{Lab}	48.92, 5.49, -48.77
CIE _{LCh}	49, 49.074, 276.419
Yxy	17.5320, 0.1927, 0.1912
Android (android.graphics.Color)	4280841927 (0xFF2876C7)
YUV	103.9120, 46.8784, -56.0508
Hunter-Lab	41.8706, 2.0231, -50.6761

Details

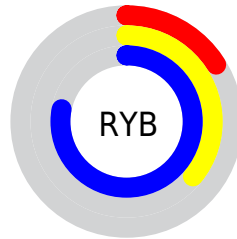
The HunterLab color **41.8706, 2.0231, -50.6761** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **50.9641, 18.6029, 29.3927**, and the grayscale version is **37.0229, -1.9754, 2.0115**.

A 20% lighter version of the original color is **62.6773, 0.9711, -50.8563**, and **25.5345, 6.2568, -45.4224** is the 20% darker color. If you saturate the color by 10%, you get **38.6905, 5.8669, -58.8577**, and if you desaturate by 10%, it is **45.3390, -0.9791, -42.7388**.

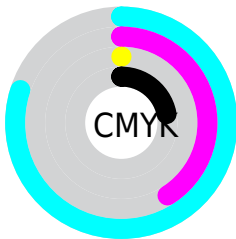
Distribution



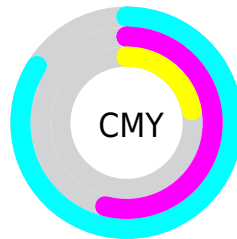
- Red (16%)
- Green (46%)
- Blue (78%)



- Red (16%)
- Yellow (36%)
- Blue (78%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8706, 2.0231, -50.6761 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 41.8706, 2.0231, -50.6761 by changing the saturation by 10% instead.

■ 41.8706, 2.0231,
-50.6761

■ 41.8706, 2.0231,
-50.6761

■ 154.3437, -1.7367,
-56.7416

■ 32.5799, 2.1923,
-50.3263

■ 62.6404, 1.5045,
-51.9464

■ 24.1003, 2.2875,
-50.4609

■ 74.0242, 1.1661,
-52.6812

■ 16.5192, 2.2949,
-51.6617

■ 86.0245, 0.7812,
-53.4236

■ 9.9592, 2.1911,
-55.5842

■ 98.6112, 0.3534,
-54.1524

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.7582, -0.1146,
-54.8548

0.0000, NaN, -NF

125.4424, -0.6202,

0.0000, NaN, NaN

-55.5232

0.0000, NaN, NaN

139.6437, -1.1615,
-56.1530

■ 41.8706, 2.0231,
-50.6761

■ 41.8706, 2.0231,
-50.6761

■ 38.6905, 5.8669,
-58.8577

■ 45.3390, -0.9791,
-42.7388

■ 35.7892, 10.4533,
-67.2776

■ 49.0691, -3.1859,
-35.1077

■ 35.7590, 10.5041,
-67.3710

■ 53.0352, -4.6704,
-27.8074

■ 57.2124, -5.5157,
-20.8379

■ 61.5783, -5.8034,
-14.1825

■ 66.1134, -5.6081,
-7.8159

■ 70.8006, -4.9949,
-1.7090

■ 75.6255, -4.0202,
4.1679

■ 80.5754, -2.7315,
9.8430

Harmonies

Analogous

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



41.8712, -16.1629, -45.1478



41.8706, 2.0231, -50.6761



41.8712, 22.3407, -37.6081

Triad

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



41.8712, 2.0239, -50.6751



41.8712, 32.2804, 18.3684



41.8712, -31.2778, 14.1529

Complementary

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



41.8706, 2.0231, -50.6761



50.9641, 18.6029, 29.3927

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.



41.8712, -22.1938, 21.9815



41.8706, 2.0231, -50.6761



41.8712, 13.7878, 23.5234

Square

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



41.8712, 2.0239, -50.6751



41.8712, 41.7491, 6.0619



41.8712, -6.3329, 24.4515



41.8712, -33.2785, -1.8931

Rectangle

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



41.8706, 2.0231, -50.6761



41.8712, 33.6685, -22.5387



41.8712, -6.3329, 24.4515



41.8712, -29.0441, 17.5603

Sweetspot

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



41.8712, 2.0239, -50.6751



84.7807, -7.6091, -14.0542



65.3013, -46.8711, 23.4263



38.2241, -3.5514, -7.9187

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.8712, 2.0239, -50.6751



48.2969, 12.3043, -86.1661



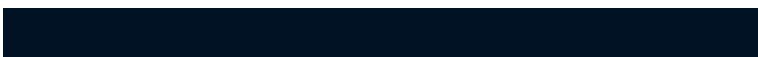
24.6849, 43.1682, -113.8145



33.3649, -2.3263, -0.6590



28.9771, 7.8190, -53.0978



7.3655, -0.2306, -8.7084

Inverse Universe

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



38.6894, 59.5506, -1.3833



48.0632, 84.4946, 4.9212



72.8990, -18.9532, 42.9545



32.7448, 1.8267, 0.8711



28.9614, 51.5999, 3.1908



6.4170, 11.6453, -0.9380

Previews

White Background



This preview shows how the HunterLab color 41.8706, 2.0231, -50.6761 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 41.8706, 2.0231, -50.6761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

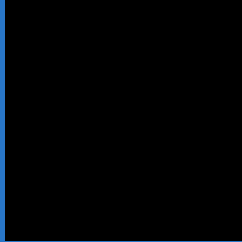
Any Text WCAG AA ✓ Pass

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 41.8706, 2.0231, -50.6761 Background



This preview shows how black text looks on a background with the HunterLab color 41.8706, 2.0231, -50.6761.



This preview shows how white text looks on a background with the HunterLab color 41.8706, 2.0231, -50.6761.

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

41.8706, 2.0231, -50.6761

Protanopia

41.7787, 8.2190, -46.5438

Deuteranopia

41.8926, 3.5346, -50.5960



Tritanopia

41.5612, -19.8767, -9.0397

Trichromacy



Original Color

41.8706, 2.0231, -50.6761

Protanomaly

41.7196, 5.4652, -48.4161

Deuteranomaly

41.7737, 3.1369, -50.8938

Tritanomaly

41.2976, -12.8402, -22.5247

Monochromacy



Original Color

41.8706, 2.0231, -50.6761

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.1454, -3.4778, -14.5218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8706, 2.0231, -50.6761 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(40, 118, 199)` looks like.

```
.text, #text, p{  
    color:rgb(40, 118, 199)  
}
```

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(40, 118, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 118, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8706, 2.0231, -50.6761 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(40, 118, 199) }
```


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

```
.border{ border-color:rgb(40, 118, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 118, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 118, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 118, 199);  
box-shadow:4px 4px 4px 4px rgb(40, 118,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8706, 2.0231, -50.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 118, 199) }
```

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

```
.background{ background-color: rgb(40, 118,  
199) }
```

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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