

Converting Colors

HunterLab(41.9950, 2.0001,
-18.4563)

Have a look what the booklet for
HunterLab(41.9950, 2.0001,
-18.4563) contains.

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Color

**HunterLab(41.8871, 2.2317,
-18.6703)**

Conversions

Conversions Part 1

Format	Color
Hex	67739C
RGB	103, 115, 156
RGB Percent	40%, 45%, 61%
CMY	0.5961, 0.5490, 0.3882
CMYK	0.34, 0.26, 0.00, 0.39
HSL	226°, 21%, 51%
HSV	226°, 34%, 61%
XYZ	17.7250, 17.5453, 33.9048
YIQ	116.0860, -20.3130, 10.2070

Conversions

Conversions Part 2

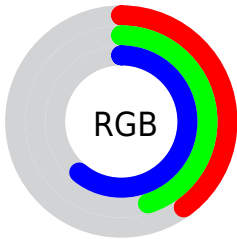
Format	Color
R_{YB}	103, 113, 156
Decimal	6779804
CIE Lab	48.94, 5.75, -23.59
CIE LCh	49, 24.284, 283.692
Yxy	17.5460, 0.2562, 0.2536
Android (android.graphics.Color)	4284969884 (0xFF67739C)
YUV	116.0860, 19.6776, -11.4764
Hunter-Lab	41.8871, 2.2317, -18.6703

Details

The HunterLab color $41.8871, 2.2317, -18.6703$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52.9094, -4.4298, 18.1448$, and the grayscale version is $41.7569, -2.2280, 2.2687$.

A 20% lighter version of the original color is $62.6970, 1.5823, -19.6178$, and $24.0647, 2.5783, -18.0536$ is the 20% darker color. If you saturate the color by 10%, you get $37.5944, 4.5409, -26.3590$, and if you desaturate by 10%, it is $46.3584, 0.3191, -11.6550$.

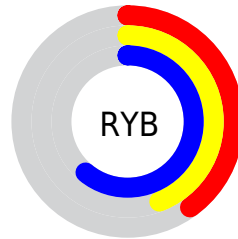
Distribution



Red (40%)

Green (45%)

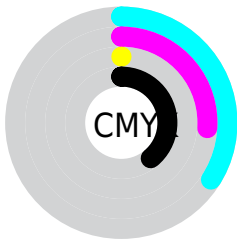
Blue (61%)



Red (40%)

Yellow (44%)

Blue (61%)

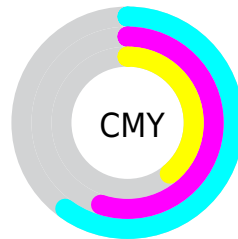


Cyan (34%)

Magenta (26%)

Yellow (0%)

Black (39%)



Cyan (60%)

Magenta (55%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8871, 2.2317, -18.6703 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 41.8871, 2.2317, -18.6703 by changing the saturation by 10% instead.

■ 41.8871, 2.2317,
-18.6703

■ 41.8871, 2.2317,
-18.6703

■ 154.3695, -1.4241,
-20.4024

■ 32.5953, 2.3845,
-18.1903

■ 62.6595, 1.7394,
-19.4583

■ 24.1142, 2.4632,
-17.6774

■ 74.0443, 1.4135,
-19.7609

■ 16.5314, 2.4525,
-17.1909

■ 86.0457, 1.0406,
-20.0034

■ 9.9696, 2.3284,
-16.9265

■ 98.6334, 0.6243,
-20.1882

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.7813, 0.1673,
-20.3180

0.0000, NaN, NaN

■ 125.4664, -0.3277,

0.0000, NaN, NaN

-20.3953

0.0000, NaN, NaN

139.6686, -0.8588,
-20.4226

■ 41.8871, 2.2317,
-18.6703

■ 41.8871, 2.2317,
-18.6703

■ 37.5944, 4.5409,
-26.3590

■ 46.3584, 0.3191,
-11.6550

■ 33.5109, 7.3435,
-34.8708

■ 50.9809, -1.2734,
-5.1872

■ 29.6814, 10.7490,
-44.3506

■ 55.7361, -2.6073,
0.8404

■ 26.1648, 14.8649,
-54.8898

■ 60.6090, -3.7307,
6.5135

■ 23.0379, 19.7466,
-66.4046

■ 65.5877, -4.6810,
11.9002

■ 20.3947, 25.2926,
-78.4273

■ 70.6623, -5.4879,
17.0550

■ 19.0300, 28.7115,
-85.7656

■ 75.8250, -6.1747,
22.0210

■ 81.0691, -6.7600,
26.8330

■ 86.3888, -7.2589,
31.5188

Harmonies

Analogous

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



41.8879, -7.3053, -18.3654



41.8871, 2.2317, -18.6703



41.8879, 11.3202, -12.5410

Triad

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



41.8879, 2.2313, -18.6694



41.8879, 11.9926, 12.7041



41.8879, -18.5518, 6.9257

Complementary

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



41.8871, 2.2317, -18.6703



52.9094, -4.4298, 18.1448

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.



41.8879, -14.2634, 13.1111



41.8871, 2.2317, -18.6703



41.8879, 3.0837, 15.8955

Square

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



41.8879, 2.2313, -18.6694



41.8879, 17.2899, 6.2347



41.8879, -6.5261, 16.0254



41.8879, -18.7352, -2.1021

Rectangle

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



41.8871, 2.2317, -18.6703



41.8879, 15.6655, -6.2911



41.8879, -6.5261, 16.0254



41.8879, -17.5613, 9.3522

Sweetspot

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



41.8879, 2.2313, -18.6694



71.1061, -2.4319, -3.8610



53.5381, -18.7134, 3.6040



32.9661, -1.0277, -2.3124



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



41.8879, 2.2313, -18.6694



51.8942, 5.3955, -33.1968



39.8654, 11.7520, -22.0075



25.8203, -0.9373, -1.1138



17.4016, 25.6393, -77.0984



3.3250, 0.9445, -6.1948

Inverse Universe

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



42.4344, 16.8336, 3.7793



53.1318, 29.1186, 5.8647



55.2227, -14.3132, 19.9997



25.8254, 1.0559, 1.4868



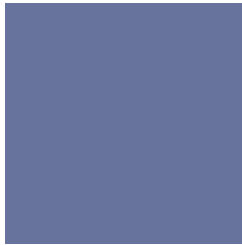
24.3473, 42.1313, 12.3546



3.3420, 5.9504, 0.3986

Previews

White Background



This preview shows how the HunterLab color 41.8871, 2.2317, -18.6703 looks on a white background.

Color Contrast Check

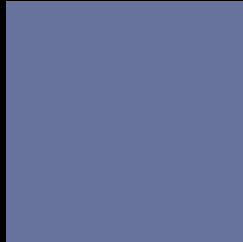
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8871, 2.2317, -18.6703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

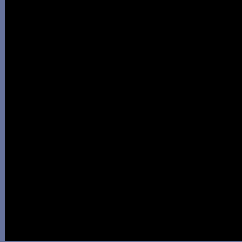
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

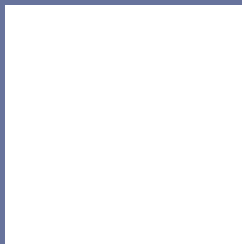
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.8871, 2.2317, -18.6703 Background



This preview shows how black text looks on a background with the HunterLab color 41.8871, 2.2317, -18.6703.



This preview shows how white text looks on a background with the HunterLab color 41.8871, 2.2317, -18.6703.

-18.6703.

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

41.8871, 2.2317, -18.6703

Protanopia

41.9581, 2.4707, -18.5471

Deuteranopia

41.7591, 3.1952, -18.8689



Tritanopia

41.9357, -6.6645, -4.1349

Trichromacy



Original Color

41.8871, 2.2317, -18.6703

Protanomaly

41.9581, 2.4707, -18.5471

Deuteranomaly

41.6869, 2.9534, -18.9949

Tritanomaly

41.8014, -3.6158, -8.9508

Monochromacy



Original Color

41.8871, 2.2317, -18.6703

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.8437, -1.1433, -4.6616

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8871, 2.2317, -18.6703 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(103, 115, 156)` looks like.

```
.text, #text, p{  
    color:rgb(103, 115, 156)  
}
```

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(103, 115, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 115, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8871, 2.2317, -18.6703 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(103, 115, 156) }
```


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

```
.border{ border-color:rgb(103, 115, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 115, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 115, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 115, 156);  
box-shadow:4px 4px 4px 4px rgb(103, 115,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8871, 2.2317, -18.6703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 115, 156) }
```

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

```
.background{ background-color: rgb(103,  
115, 156) }
```

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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