

Converting Colors

HunterLab(41.9214, 6.9102,
-34.8003)

Have a look what the booklet for
HunterLab(41.9214, 6.9102,
-34.8003) contains.

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Color

**HunterLab(41.8789, 7.1100,
-35.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	5F71B4
RGB	95, 113, 180
RGB Percent	37%, 44%, 71%
CMY	0.6274, 0.5569, 0.2941
CMYK	0.47, 0.37, 0.00, 0.29
HSL	227°, 36%, 54%
HSV	227°, 47%, 71%
XYZ	18.8626, 17.5384, 45.5711
YIQ	115.2560, -32.2350, 17.0210

Conversions

Conversions Part 2

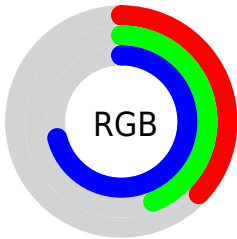
Format	Color
R _Y B	95, 110, 180
Decimal	6255028
CIE Lab	48.93, 11.77, -37.65
CIE LCh	49, 39.448, 287.361
Yxy	17.5390, 0.2301, 0.2140
Android (android.graphics.Color)	4284445108 (0xFF5F71B4)
YUV	115.2560, 31.9188, -17.7645
Hunter-Lab	41.8789, 7.1100, -35.2020

Details

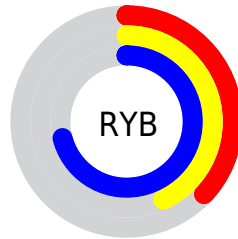
The HunterLab color $41.8789, 7.1100, -35.2020$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $60.3086, -5.4728, 26.4216$, and the grayscale version is $41.3947, -2.2087, 2.2491$.

A 20% lighter version of the original color is $62.7343, 6.8448, -36.2235$, and $24.2484, 6.5478, -34.0382$ is the 20% darker color. If you saturate the color by 10%, you get $37.0966, 10.8341, -45.9651$, and if you desaturate by 10%, it is $46.9406, 4.0332, -25.5453$.

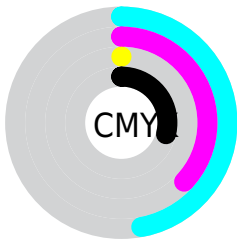
Distribution



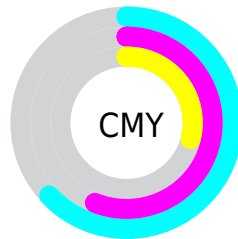
- Red (37%)
- Green (44%)
- Blue (71%)



- Red (37%)
- Yellow (43%)
- Blue (71%)



- Cyan (47%)
- Magenta (37%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8789, 7.1100, -35.2020 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 41.8789, 7.1100, -35.2020 by changing the saturation by 10% instead.

■ 41.8789, 7.1100,
-35.2020

■ 41.8789, 7.1100,
-35.2020

■ 154.3567, 5.8487,
-39.9522

■ 32.5877, 6.9216,
-34.6118

■ 62.6501, 7.2397,
-36.4962

■ 24.1073, 6.6321,
-34.1943

■ 74.0343, 7.2000,
-37.1221

■ 16.5254, 6.2201,
-34.2222

■ 86.0352, 7.1000,
-37.7109

■ 9.9645, 5.6534,
-35.4882

■ 98.6224, 6.9448,
-38.2555

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.7698, 6.7388,
-38.7526

0.0000, NaN, -NF

■ 125.4545, 6.4855,

0.0000, NaN, NaN

-39.2010

0.0000, NaN, NaN

139.6562, 6.1879,
-39.6007

■ 41.8789, 7.1100,
-35.2020

■ 41.8789, 7.1100,
-35.2020

■ 37.0966, 10.8341,
-45.9651

■ 46.9406, 4.0332,
-25.5453

■ 32.6547, 15.3437,
-58.0109

■ 52.2327, 1.4768,
-16.8031

■ 28.6389, 20.7512,
-71.3842

■ 57.7211, -0.6635,
-8.7982

■ 25.1593, 27.0462,
-85.7816

■ 63.3793, -2.4704,
-1.3836

■ 22.3332, 33.8971,
-100.2800

■ 69.1868, -4.0084,
5.5587

■ 21.6539, 35.7606,
-104.2623

■ 75.1276, -5.3275,
12.1224

■ 81.1888, -6.4667,
18.3814

■ 87.3599, -7.4567,
24.3943

■ 93.4280, -9.0403,
30.0091

Harmonies

Analogous

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



41.8796, -8.6103, -36.2952



41.8789, 7.1100, -35.2020



41.8796, 22.2352, -22.0685

Triad

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



41.8796, 7.1101, -35.2009



41.8796, 20.1193, 18.3250



41.8796, -27.7057, 8.0636

Complementary

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



41.8789, 7.1100, -35.2020



60.3086, -5.4728, 26.4216

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.



41.8796, -22.1257, 17.3860



41.8789, 7.1100, -35.2020



41.8796, 4.5421, 21.6775

Square

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



41.8796, 7.1101, -35.2009



41.8796, 30.4691, 9.9422



41.8796, -10.8297, 21.4121



41.8796, -27.2276, -7.1762

Rectangle

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



41.8789, 7.1100, -35.2020



41.8796, 29.2556, -10.2814



41.8796, -10.8297, 21.4121



41.8796, -26.5150, 11.8562

Sweetspot

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



41.8796, 7.1101, -35.2009



79.9729, -1.6613, -8.7959



61.3757, -27.3537, 4.5064



36.4325, -0.5193, -5.0987



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



41.8796, 7.1101, -35.2009



49.4836, 15.0079, -63.0564



39.2536, 22.0278, -40.6476



29.1756, -0.9929, -1.3580



18.3152, 29.1245, -85.7638



4.3541, 2.1997, -10.1908

Inverse Universe

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



43.6815, 29.3779, 6.2248



53.3554, 49.6351, 10.5924



63.6623, -21.4567, 28.7690



29.2126, 1.2291, 1.7334



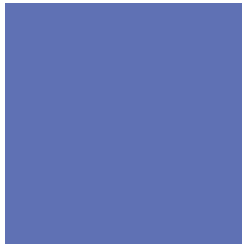
26.2274, 45.3211, 13.8011



4.7426, 8.3713, 1.1305

Previews

White Background



This preview shows how the HunterLab color 41.8789, 7.1100, -35.2020 looks on a white background.

Color Contrast Check

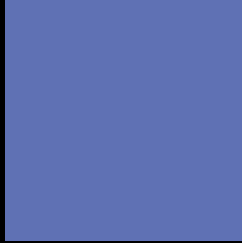
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8789, 7.1100, -35.2020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

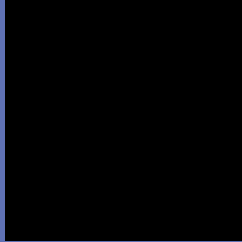
Any Text WCAG AA ✓ Pass

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 41.8789, 7.1100, -35.2020 Background



This preview shows how black text looks on a background with the HunterLab color 41.8789, 7.1100, -35.2020.

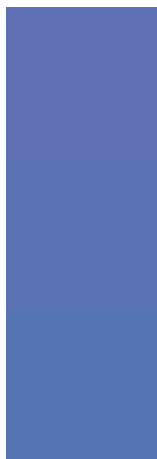


This preview shows how white text looks on a background with the HunterLab color 41.8789, 7.1100, -35.2020.

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

41.8789, 7.1100, -35.2020

Protanopia

41.9464, 6.0522, -35.8383

Deuteranopia

41.9884, 3.2039, -34.2920



Tritanopia

41.9627, -10.8620, -5.6861

Trichromacy



Original Color

41.8789, 7.1100, -35.2020

Protanomaly

42.0073, 6.2520, -35.7076

Deuteranomaly

41.9414, 4.4517, -34.3665

Tritanomaly

41.6822, -4.6842, -15.4406

Monochromacy



Original Color

41.8789, 7.1100, -35.2020

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.3362, 0.4752, -9.5557

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8789, 7.1100, -35.2020 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(95, 113, 180)` looks like.

```
.text, #text, p{  
    color:rgb(95, 113, 180)  
}
```

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(95, 113, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 113, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8789, 7.1100, -35.2020 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(95, 113, 180) }
```


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

```
.border{ border-color:rgb(95, 113, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 113, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 113, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 113, 180);  
box-shadow:4px 4px 4px 4px rgb(95, 113,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8789, 7.1100, -35.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 113, 180) }
```

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

```
.background{ background-color: rgb(95, 113,  
180) }
```

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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