

Converting Colors

HunterLab(41.1998, 6.8569,
-34.9233)

Have a look what the booklet for
HunterLab(41.1998, 6.8569,
-34.9233) contains.

HunterLab(41.1222, 7.1870, -35.2627)	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(41.1222, 7.1870,
-35.2627)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6FB2
RGB	93, 111, 178
RGB Percent	36%, 44%, 70%
CMY	0.6353, 0.5647, 0.3020
CMYK	0.48, 0.38, 0.00, 0.30
HSL	227°, 36%, 53%
HSV	227°, 48%, 70%
XYZ	18.2345, 16.9104, 44.4224
YIQ	113.2560, -32.2350, 17.0210

Conversions

Conversions Part 2

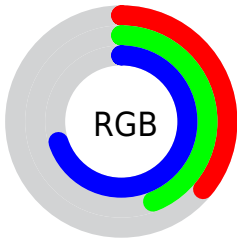
Format	Color
R _Y B	93, 108, 178
Decimal	6123442
CIE Lab	48.15, 11.88, -37.74
CIE LCh	48, 39.562, 287.472
Yxy	16.9110, 0.2292, 0.2125
Android (android.graphics.Color)	4284313522 (0xFF5D6FB2)
YUV	113.2560, 31.9188, -17.7645
Hunter-Lab	41.1222, 7.1870, -35.2627

Details

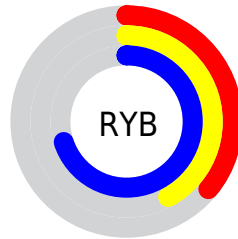
The HunterLab color $41.1222, 7.1870, -35.2627$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $59.4962, -5.3897, 26.2460$, and the grayscale version is $40.6258, -2.1677, 2.2073$.

A 20% lighter version of the original color is $61.6313, 7.4283, -36.7777$, and $23.5389, 6.5662, -34.2507$ is the 20% darker color. If you saturate the color by 10%, you get $36.4176, 10.8967, -45.9423$, and if you desaturate by 10%, it is $46.1049, 4.1221, -25.6834$.

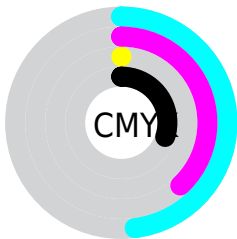
Distribution



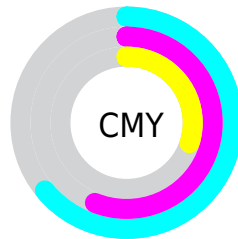
- Red (36%)
- Green (44%)
- Blue (70%)



- Red (36%)
- Yellow (42%)
- Blue (70%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)
- Black (30%)



- Cyan (64%)
- Magenta (56%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.1222, 7.1870, -35.2627 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 41.1222, 7.1870, -35.2627 by changing the saturation by 10% instead.

■ 41.1222, 7.1870,
-35.2627

■ 41.1222, 7.1870,
-35.2627

■ 153.1857, 6.0075,
-40.0499

■ 31.8920, 6.9853,
-34.6815

■ 61.7840, 7.3395,
-36.5571

■ 23.4787, 6.6807,
-34.2883

■ 73.1185, 7.3098,
-37.1868

■ 15.9718, 6.2510,
-34.3797

■ 85.0721, 7.2192,
-37.7803

■ 9.4978, 5.6631,
-35.8327

■ 97.6143, 7.0728,
-38.3303

0.0000, INF, -NF

0.0000, NaN, -NF

■ 110.7186, 6.8751,
-38.8331

0.0000, NaN, -NF

■ 124.3620, 6.6296,

0.0000, NaN, NaN

-39.2873

0.0000, NaN, NaN

138.5238, 6.3395,
-39.6927

■ 41.1222, 7.1870,
-35.2627

■ 41.1222, 7.1870,
-35.2627

■ 36.4176, 10.8967,
-45.9423

■ 46.1049, 4.1221,
-25.6834

■ 32.0522, 15.3875,
-57.8932

■ 51.3168, 1.5762,
-17.0152

■ 28.1116, 20.7669,
-71.1488

■ 56.7238, -0.5548,
-9.0821

■ 24.7053, 27.0154,
-85.3867

■ 62.2993, -2.3534,
-1.7379

■ 21.9443, 33.7783,
-99.6877

■ 68.0230, -3.8838,
5.1352

■ 21.4031, 35.2620,
-102.8726

■ 73.8789, -5.1961,
11.6305

■ 79.8542, -6.3291,
17.8220

■ 85.9384, -7.3136,
23.7678

■ 92.1228, -8.1736,
29.5143

Harmonies

Analogous

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



41.1229, -8.4928, -36.4128



41.1222, 7.1870, -35.2627



41.1229, 22.2825, -22.0493

Triad

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



41.1229, 7.1871, -35.2616



41.1229, 20.0674, 18.1849



41.1229, -27.5378, 7.9508

Complementary

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



41.1222, 7.1870, -35.2627



59.4962, -5.3897, 26.2460

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.



41.1229, -22.0211, 17.2143



41.1222, 7.1870, -35.2627



41.1229, 4.5032, 21.4680

Square

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



41.1229, 7.1871, -35.2616



41.1229, 30.4455, 9.9062



41.1229, -10.8074, 21.1952



41.1229, -27.0410, -7.2667

Rectangle

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



41.1222, 7.1870, -35.2627



41.1229, 29.2831, -10.2404



41.1229, -10.8074, 21.1952



41.1229, -26.3640, 11.7256

Sweetspot

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



41.1229, 7.1871, -35.2616



78.9962, -1.6430, -8.6789



60.5739, -27.1947, 4.4826



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.



41.1229, 7.1871, -35.2616



48.8971, 14.8036, -62.2264



38.5118, 22.0508, -40.7277



29.1756, -0.9928, -1.3580



18.3152, 29.1245, -85.7639



4.3541, 2.1997, -10.1908

Inverse Universe

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



42.9443, 29.3606, 6.2123



52.7159, 48.9927, 10.4539



62.8438, -21.3361, 28.5794



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 41.1222, 7.1870, -35.2627 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 41.1222, 7.1870, -35.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

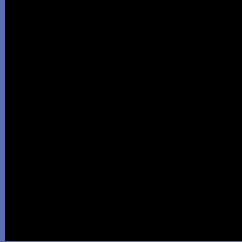
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 41.1222, 7.1870, -35.2627 Background



This preview shows how black text looks on a background with the HunterLab color 41.1222, 7.1870, -35.2627.



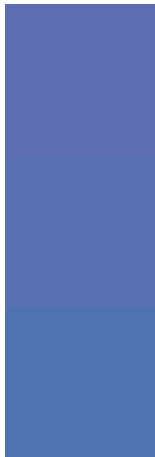
This preview shows how white text looks on a background with the HunterLab color 41.1222, 7.1870, -35.2627.

-35.2627.

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

41.1222, 7.1870, -35.2627

Protanopia

41.1909, 6.1384, -35.8981

Deuteranopia

41.1804, 3.1239, -34.4570



Tritanopia

41.2016, -10.7628, -5.6999

Trichromacy



Original Color

41.1222, 7.1870, -35.2627

Protanomaly

41.2513, 6.3362, -35.7675

Deuteranomaly

41.1289, 4.3533, -34.5422

Tritanomaly

40.9213, -4.5995, -15.4582

Monochromacy



Original Color

41.1222, 7.1870, -35.2627

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.5693, 0.5168, -9.5804

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.1222, 7.1870, -35.2627 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(93, 111, 178)` looks like.

```
.text, #text, p{  
    color:rgb(93, 111, 178)  
}
```

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(93, 111, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 111, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 41.1222, 7.1870, -35.2627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

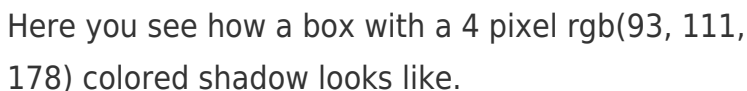
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 111, 178) }
```


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

```
.border{ border-color:rgb(93, 111, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 111, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(93, 111, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(93, 111, 178); box-shadow:4px 4px 4px 4px rgb(93, 111, 178) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.1222, 7.1870, -35.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 111, 178) }
```

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

```
.background{ background-color: rgb(93, 111,  
178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor