

Converting Colors

HunterLab(59.8511, 12.1394,
-56.6284)

Have a look what the booklet for
HunterLab(59.8511, 12.1394,
-56.6284) contains.

HunterLab(59.7852, 12.2487, -56.7702)	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(59.7852, 12.2487,
-56.7702)**

Conversions

Conversions Part 1

Format	Color
Hex	829CFF
RGB	130, 156, 255
RGB Percent	51%, 61%, 100%
CMY	0.4902, 0.3882, 0.0000
CMYK	0.49, 0.39, 0.00, 0.00
HSL	228°, 100%, 75%
HSV	228°, 49%, 100%
XYZ	39.1443, 35.7427, 99.4435
YIQ	159.5120, -47.2750, 25.2770

Conversions

Conversions Part 2

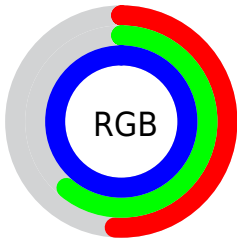
Format	Color
RYB	130, 152, 255
Decimal	8559871
CIELab	66.32, 17.16, -52.11
CIElCh	66, 54.861, 288.231
Yxy	35.7439, 0.2245, 0.2050
Android (android.graphics.Color)	4286749951 (0xFF829CFF)
YUV	159.5120, 47.0756, -25.8820
Hunter-Lab	59.7852, 12.2487, -56.7702

Details

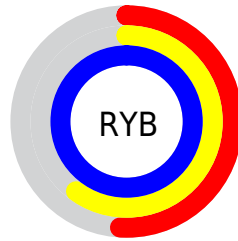
The HunterLab color $59.7852, 12.2487, -56.7702$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $88.8327, -8.1887, 40.4980$, and the grayscale version is $58.9195, -3.1438, 3.2012$.

A 20% lighter version of the original color is $80.0028, -2.0391, -20.8520$, and $39.3478, 11.7564, -56.0518$ is the 20% darker color. If you saturate the color by 10%, you get $52.6754, 18.2706, -73.7096$, and if you desaturate by 10%, it is $67.3552, 7.2915, -41.6476$.

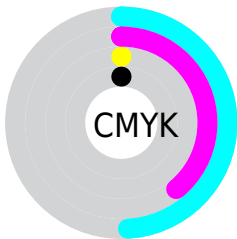
Distribution



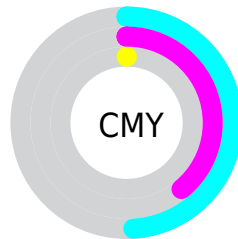
- Red (51%)
- Green (61%)
- Blue (100%)



- Red (51%)
- Yellow (60%)
- Blue (100%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.7852, 12.2487, -56.7702 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 59.7852, 12.2487, -56.7702 by changing the saturation by 10% instead.

■ 59.7852, 12.2487,
-56.7702

■ 59.7852, 12.2487,
-56.7702

181.0635, 12.1200,
-63.0610

■ 49.2306, 11.9398,
-56.1308

■ 82.8472, 12.6313,
-58.2564

■ 39.3816, 11.5388,
-55.6760

■ 95.2841, 12.7200,
-59.0237

■ 30.2944, 11.0318,
-55.5824

■ 108.2878, 12.7482,
-59.7774

■ 22.0389, 10.4004,
-56.2235

121.8344, 12.7204,
-60.5059

■ 14.7094, 9.6200,
-58.5009

135.9031, 12.6405,
-61.2021

■ 8.3671, 9.0047,
-65.8589

150.4751, 12.5120,

0.0000, INF, -NF

-61.8615

0.0000, NaN, -NF

165.5336, 12.3377,
-62.4816

0.0000, NaN, -NF

■ 59.7852, 12.2487,
-56.7702

■ 59.7852, 12.2487,
-56.7702

■ 52.6754, 18.2706,
-73.7096

■ 67.3552, 7.2915,
-41.6476

■ 46.1339, 25.5726,
-92.7121

■ 75.3012, 3.1897,
-28.0353

■ 40.3108, 34.2885,
-113.7115

■ 83.5642, -0.2319,
-15.6378

■ 35.3956, 44.2624,
-135.8889

■ 92.0991, -3.1124,
-4.2084

■ 31.5759, 54.6851,
-157.2302

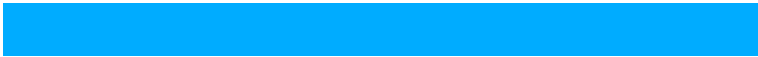
100.0000, -5.3358,
5.4332

■ 31.2560, 55.6633,
-159.2284

Harmonies

Analogous

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



59.7862, -12.4896, -59.2288



59.7852, 12.2487, -56.7702



59.7862, 36.0977, -34.8921

Triad

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



59.7862, 12.2488, -56.7681



59.7862, 31.4841, 27.9358



59.7862, -42.6314, 11.6818

Complementary

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



59.7852, 12.2487, -56.7702



88.8327, -8.1887, 40.4980

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.



59.7862, -34.3918, 26.0493



59.7852, 12.2487, -56.7702



59.7862, 6.7083, 32.5801

Square

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



59.7862, 12.2488, -56.7681



59.7862, 48.3748, 15.6309



59.7862, -17.2114, 32.0664



59.7862, -41.6376, -12.5084

Rectangle

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



59.7852, 12.2487, -56.7702



59.7862, 47.0720, -15.8362



59.7862, -17.2114, 32.0664



59.7862, -40.9118, 17.5865

Sweetspot

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



59.7862, 12.2488, -56.7681



86.9624, -1.4475, -10.9420



90.4783, -42.0197, 6.9579



39.4053, -0.3794, -6.1937

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.7862, 12.2488, -56.7681



52.6873, 18.2590, -73.6784



55.8850, 35.1959, -65.3199



42.4143, -1.3800, -2.1957



22.9677, 38.9450, -112.7786



8.1353, 9.1432, -29.9061

Inverse Universe

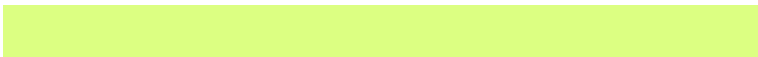
The Inverse Universe completely reimagines the original color for something new.



62.9501, 46.4303, 9.9778



57.4846, 56.7678, 12.4526



93.9589, -33.0035, 43.9914



42.4840, 1.9702, 2.5525



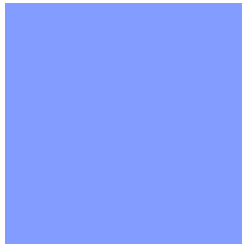
33.5567, 57.9188, 18.1796



10.5421, 18.3357, 4.6259

Previews

White Background



This preview shows how the HunterLab color 59.7852, 12.2487, -56.7702 looks on a white background.

Color Contrast Check

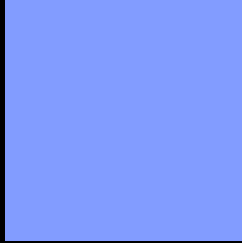
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 59.7852, 12.2487, -56.7702 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 ✓ Pass

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

HunterLab 59.7852, 12.2487, -56.7702 Background



This preview shows how black text looks on a background with the HunterLab color 59.7852, 12.2487, -56.7702.



This preview shows how white text looks on a background with the HunterLab color 59.7852, 12.2487, -56.7702.

-56.7702.

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

59.7852, 12.2487, -56.7702

Protanopia

59.9657, 9.9282, -56.4174

Deuteranopia

59.9139, 5.2080, -55.7798



Tritanopia

59.8471, -16.7331, -8.8871

Trichromacy



Original Color

59.7852, 12.2487, -56.7702

Protanomaly

59.8077, 10.8727, -56.7453

Deuteranomaly

59.7779, 7.7350, -56.0304

Tritanomaly

59.6981, -7.3802, -23.8995

Monochromacy



Original Color

59.7852, 12.2487, -56.7702

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

59.2672, 0.6194, -15.1187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.7852, 12.2487, -56.7702 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(130, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 156, 255)  
}
```

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(130, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 156, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 59.7852, 12.2487, -56.7702 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(130, 156, 255) }
```


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

```
.border{ border-color:rgb(130, 156, 255) }
```

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

Here you see how a box with a 4 pixel rgb(130, 156, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 156,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.7852, 12.2487, -56.7702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 156, 255) }
```

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

```
.background{ background-color: rgb(130,  
156, 255) }
```

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