

Converting Colors

HunterLab(56.1678, -8.3057,
-27.7981)

Have a look what the booklet for
HunterLab(56.1678, -8.3057,
-27.7981) contains.

HunterLab(56.0282, -8.1796, -28.0870)	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(56.0282, -8.1796,
-28.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9ECF
RGB	95, 158, 207
RGB Percent	37%, 62%, 81%
CMY	0.6274, 0.3804, 0.1882
CMYK	0.54, 0.24, 0.00, 0.19
HSL	206°, 54%, 59%
HSV	206°, 54%, 81%
XYZ	28.2086, 31.3916, 63.6039
YIQ	144.7490, -53.2770, 1.8830

Conversions

Conversions Part 2

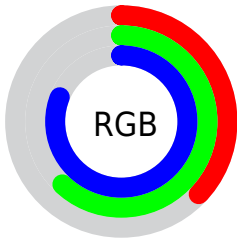
Format	Color
R _Y B	95, 135, 207
Decimal	6266575
CIE Lab	62.84, -6.30, -31.26
CIE LCh	63, 31.889, 258.611
Yxy	31.3927, 0.2290, 0.2548
Android (android.graphics.Color)	4284456655 (0xFF5F9ECF)
YUV	144.7490, 30.6897, -43.6299
Hunter-Lab	56.0282, -8.1796, -28.0870

Details

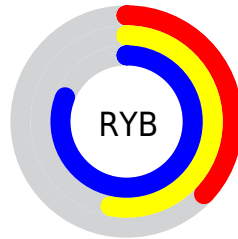
The HunterLab color **56.0282, -8.1796, -28.0870** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **58.3434, 13.4615, 25.1832**, and the grayscale version is **53.0082, -2.8284, 2.8800**.

A 20% lighter version of the original color is **78.0912, -11.9873, -23.9204**, and **36.1576, -6.5514, -26.5451** is the 20% darker color. If you saturate the color by 10%, you get **52.3935, -7.0301, -34.6408**, and if you desaturate by 10%, it is **59.8806, -8.6398, -21.7030**.

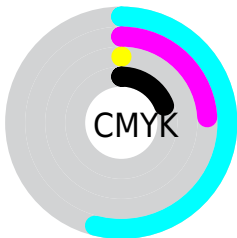
Distribution



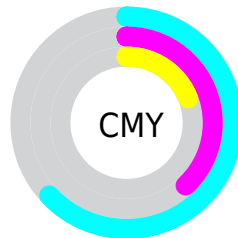
- Red (37%)
- Green (62%)
- Blue (81%)



- Red (37%)
- Yellow (53%)
- Blue (81%)



- Cyan (54%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)



- Cyan (63%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.0282, -8.1796, -28.0870 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 56.0282, -8.1796, -28.0870 by changing the saturation by 10% instead.

■ 56.0282, -8.1796,
-28.0870

■ 56.0282, -8.1796,
-28.0870

175.5971,
-17.0453, -31.0254

■ 45.7144, -7.2754,
-27.5130

■ 78.6498, -10.0305,
-29.1013

■ 36.1241, -6.3821,
-26.9194

■ 90.8830, -10.9801,
-29.5316

■ 27.3179, -5.4950,
-26.3499

■ 103.6919,
-11.9467, -29.9083

■ 19.3729, -4.6059,
-25.9116

■ 117.0517,
-12.9308, -30.2320

■ 12.3953, -3.6988,
-25.8977

130.9406,
-13.9327, -30.5039

■ 5.6050, -5.1947,
-33.3600

145.3392,

0.0000, NaN, -NF

-14.9524, -30.7256

0.0000, NaN, -NF

160.2300,
-15.9899, -30.8989

0.0000, NaN, NaN

■ 56.0282, -8.1796,
-28.0870

■ 56.0282, -8.1796,
-28.0870

■ 52.3935, -7.0301,
-34.6408

■ 59.8806, -8.6398,
-21.7030

■ 48.9922, -5.1261,
-41.3412

■ 63.9289, -8.4824,
-15.5042

■ 45.8417, -2.4217,
-48.1448

■ 68.1568, -7.7782,
-9.4907

■ 42.9523, 1.0887,
-54.9999

■ 72.5480, -6.5927,
-3.6558

■ 41.3484, 3.4401,
-59.1080

■ 77.0882, -4.9847,
2.0114

■ 81.7646, -3.0060,
7.5243

■ 86.5659, -0.7012,
12.8975

■ 90.8907, -0.1291,
17.4963

■ 93.7000, -4.8708,
20.2988

Harmonies

Analogous

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



56.0292, -19.6111, -19.6083



56.0282, -8.1796, -28.0870



56.0292, 5.8067, -26.8379

Triad

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



56.0292, -8.1796, -28.0859



56.0292, 24.6917, 10.5814



56.0292, -21.6898, 17.4055

Complementary

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



56.0282, -8.1796, -28.0870



58.3434, 13.4615, 25.1832

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.



56.0292, -11.2802, 22.2093



56.0282, -8.1796, -28.0870



56.0292, 15.8215, 18.9846

Square

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



56.0292, -8.1796, -28.0859



56.0292, 25.7293, -2.2135



56.0292, 2.3903, 22.7064



56.0292, -26.8877, 7.8474

Rectangle

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



56.0282, -8.1796, -28.0870



56.0292, 14.7046, -20.7119



56.0292, 2.3903, 22.7064



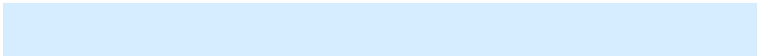
56.0292, -18.7338, 19.5183

Sweetspot

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



56.0292, -8.1796, -28.0859



90.6650, -8.7061, -6.1534



70.0419, -40.9418, 20.2644



41.4064, -4.1830, -3.5548

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.0292, -8.1796, -28.0859



65.5825, -8.5633, -45.2686



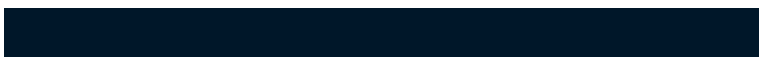
40.6619, 20.0642, -60.6690



35.3626, -2.7888, -0.4633



33.1106, 2.2109, -46.1580



8.7721, -1.0634, -8.6688

Inverse Universe

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



48.9076, 45.7905, -8.2777



56.4304, 69.9297, -10.7782



74.2867, -13.8362, 36.8910



34.5225, 2.0624, 0.6128



30.2952, 54.5888, -1.4103



7.2731, 13.3031, -1.8721

Previews

White Background



This preview shows how the HunterLab color 56.0282, -8.1796, -28.0870 looks on a white background.

Color Contrast Check

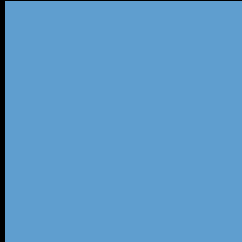
Large Text (above 18pt) WCAG AA × Fail

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 56.0282, -8.1796, -28.0870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

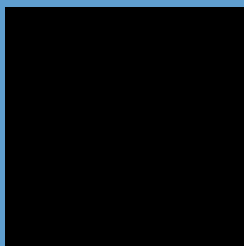
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

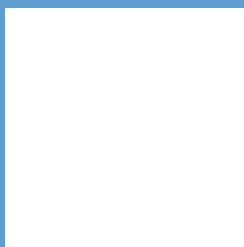
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.0282, -8.1796, -28.0870 Background



This preview shows how black text looks on a background with the HunterLab color 56.0282, -8.1796, -28.0870.



This preview shows how white text looks on a background with the HunterLab color 56.0282, -8.1796, -28.0870.

-28.0870.

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

56.0282, -8.1796, -28.0870

Protanopia

55.7049, 3.7963, -24.4232

Deuteranopia

55.7538, 4.6537, -29.7108



Tritanopia

56.2228, -19.4392, -9.5602

Trichromacy



Original Color

56.0282, -8.1796, -28.0870

Protanomaly

55.5930, -0.8543, -26.0160

Deuteranomaly

55.6170, -0.3364, -29.3505

Tritanomaly

56.1660, -15.5908, -15.8869

Monochromacy



Original Color

56.0282, -8.1796, -28.0870

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

53.9925, -6.1282, -7.5179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0282, -8.1796, -28.0870 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, 158, 207)` looks like.

```
.text, #text, p{  
    color:rgb(95, 158, 207)  
}
```

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, 158, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 158, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0282, -8.1796, -28.0870 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, 158, 207) }
```


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

```
.border{ border-color:rgb(95, 158, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 158, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 158, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 158, 207);  
box-shadow:4px 4px 4px 4px rgb(95, 158,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.0282, -8.1796, -28.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 158, 207) }
```

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

```
.background{ background-color: rgb(95, 158,  
207) }
```

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