

Converting Colors

HunterLab(56.0386, -12.2029,
-17.2253)

Have a look what the booklet for
HunterLab(56.0386, -12.2029,
-17.2253) contains.

HunterLab(56.1355, -12.3485, -17.0784)	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(56.1355,
-12.3485, -17.0784)**

Conversions

Conversions Part 1

Format	Color
Hex	63A0BE
RGB	99, 160, 190
RGB Percent	39%, 63%, 75%
CMY	0.6117, 0.3725, 0.2549
CMYK	0.48, 0.16, 0.00, 0.25
HSL	200°, 41%, 57%
HSV	200°, 48%, 75%
XYZ	27.0106, 31.5119, 53.3739
YIQ	145.1810, -45.9860, -3.6020

Conversions

Conversions Part 2

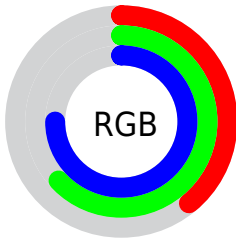
Format	Color
R _Y B	99, 136, 190
Decimal	6529214
CIE Lab	62.94, -11.52, -21.60
CIE LCh	63, 24.476, 241.921
Yxy	31.5131, 0.2414, 0.2816
Android (android.graphics.Color)	4284719294 (0xFF63A0BE)
YUV	145.1810, 22.0958, -40.5007
Hunter-Lab	56.1355, -12.3485, -17.0784

Details

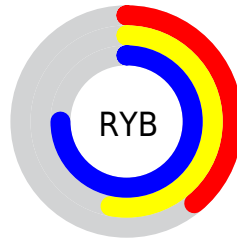
The HunterLab color **56.1355, -12.3485, -17.0784** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **52.4875, 14.7226, 19.2648**, and the grayscale version is **53.2129, -2.8393, 2.8912**.

A 20% lighter version of the original color is **78.8192, -15.0492, -17.2812**, and **36.3808, -9.9959, -16.3273** is the 20% darker color. If you saturate the color by 10%, you get **53.3371, -12.6341, -21.5079**, and if you desaturate by 10%, it is **59.1092, -11.4845, -12.6430**.

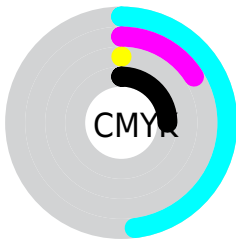
Distribution



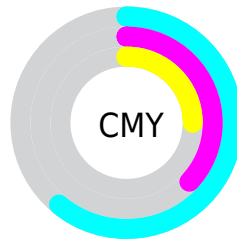
- Red (39%)
- Green (63%)
- Blue (75%)



- Red (39%)
- Yellow (53%)
- Blue (75%)



- Cyan (48%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.1355, -12.3485, -17.0784 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 56.1355, -12.3485, -17.0784 by changing the saturation by 10% instead.

■ 56.1355, -12.3485,
-17.0784

■ 56.1355, -12.3485,
-17.0784

175.7542,
-23.3172, -17.5874

■ 45.8147, -11.1418,
-16.7340

■ 78.7700, -14.7480,
-17.5736

■ 36.2169, -9.9204,
-16.3271

■ 91.0091, -15.9492,
-17.7312

■ 27.4024, -8.6724,
-15.8645

■ 103.8237,
-17.1555, -17.8322

■ 19.4483, -7.3776,
-15.3727

■ 117.1889,
-18.3689, -17.8798

■ 12.4602, -5.9987,
-14.9399

131.0831,
-19.5907, -17.8766

■ 5.7035, -9.1064,
-18.5947

145.4867,

0.0000, NaN, -NF

-20.8221, -17.8253

0.0000, NaN, NaN

160.3823,
-22.0641, -17.7282

0.0000, NaN, NaN

■ 56.1355, -12.3485,
-17.0784

■ 56.1355, -12.3485,
-17.0784

■ 53.3371, -12.6341,
-21.5079

■ 59.1092, -11.4845,
-12.6430

■ 50.7203, -12.2973,
-25.9083

■ 62.2444, -10.0909,
-8.2254

■ 48.2932, -11.3085,
-30.2487

■ 65.5314, -8.2188,
-3.8397

■ 46.0580, -9.6614,
-34.4997

■ 68.9595, -5.9176,
0.5041

■ 44.0012, -7.4165,
-38.6591

■ 72.5185, -3.2335,
4.7998

■ 43.5784, -6.9123,
-39.5476

■ 76.1991, -0.2085,
9.0445

■ 79.9924, 3.1200,
13.2378

■ 83.8906, 6.7188,
17.3806

■ 86.1870, 4.8898,
19.6810

Harmonies

Analogous

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



56.1366, -19.4003, -8.2969



56.1355, -12.3485, -17.0784



56.1366, -2.3075, -20.2083

Triad

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



56.1366, -12.3487, -17.0774



56.1366, 19.0562, 3.7073



56.1366, -13.4581, 17.2468

Complementary

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



56.1355, -12.3485, -17.0784



52.4875, 14.7226, 19.2648

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.



56.1366, -3.6858, 19.2950



56.1355, -12.3485, -17.0784



56.1366, 15.5341, 12.4421

Square

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



56.1366, -12.3487, -17.0774



56.1366, 16.3117, -6.9482



56.1366, 7.0072, 17.7142



56.1366, -20.0063, 11.5015

Rectangle

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



56.1355, -12.3485, -17.0784



56.1366, 4.8830, -18.2774



56.1366, 7.0072, 17.7142



56.1366, -10.4675, 18.3363

Sweetspot

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



56.1366, -12.3487, -17.0774



89.8857, -9.9917, -3.0180



64.0578, -35.6267, 20.0038



41.6528, -4.9860, -2.0148



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



56.1366, -12.3487, -17.0774



71.7889, -17.0073, -28.9710



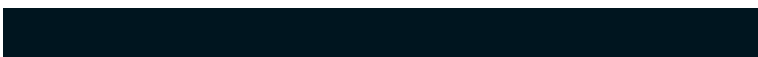
43.3467, 9.1783, -39.7631



32.0390, -2.9382, -0.0587



35.7436, -5.9596, -31.8113



7.8448, -2.3203, -4.7965

Inverse Universe

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



47.3391, 37.9803, -11.8201



58.6782, 62.1903, -18.5080



64.6974, -7.0199, 28.9246



31.0505, 1.9562, 0.1647



28.8434, 53.0015, -9.3170



5.8093, 10.8498, -3.2315

Previews

White Background



This preview shows how the HunterLab color 56.1355, -12.3485, -17.0784 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 56.1355, -12.3485, -17.0784 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 56.1355, -12.3485, -17.0784 Background



This preview shows how black text looks on a background with the HunterLab color 56.1355, -12.3485, -17.0784.



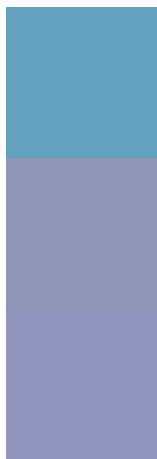
This preview shows how white text looks on a background with the HunterLab color 56.1355, -12.3485, -17.0784.

-12.3485, -17.0784.

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

56.1355, -12.3485, -17.0784

Protanopia

55.8219, 1.2960, -13.1631

Deuteranopia

55.9646, 3.9315, -18.2784



Tritanopia

55.9955, -17.1094, -9.2863

Trichromacy



Original Color

56.1355, -12.3485, -17.0784

Protanomaly

55.8977, -4.1906, -14.9030

Deuteranomaly

55.7972, -2.6409, -18.0400

Tritanomaly

55.9578, -15.2781, -12.1059

Monochromacy



Original Color

56.1355, -12.3485, -17.0784

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

53.8285, -7.1810, -4.0961

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.1355, -12.3485, -17.0784 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(99, 160, 190)` looks like.

```
.text, #text, p{  
    color:rgb(99, 160, 190)  
}
```

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(99, 160, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 160, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 56.1355, -12.3485, -17.0784 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(99, 160, 190) }
```


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

```
.border{ border-color:rgb(99, 160, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 160, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 160, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 160, 190);  
box-shadow:4px 4px 4px 4px rgb(99, 160,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.1355, -12.3485, -17.0784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 160, 190) }
```

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

```
.background{ background-color: rgb(99, 160,  
190) }
```

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