

Converting Colors

HunterLab(56.1539, -2.7431,
15.7978)

Have a look what the booklet for
HunterLab(56.1539, -2.7431,
15.7978) contains.

HunterLab(56.1147, -2.8545, 15.7529)	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(56.1147, -2.8545,
15.7529)**

Conversions

Conversions Part 1

Format	Color
Hex	A59778
RGB	165, 151, 120
RGB Percent	65%, 59%, 47%
CMY	0.3529, 0.4078, 0.5294
CMYK	0.00, 0.08, 0.27, 0.35
HSL	41°, 20%, 56%
HSV	41°, 27%, 65%
XYZ	29.9738, 31.4886, 22.2674
YIQ	151.6520, 18.2950, -6.6730

Conversions

Conversions Part 2

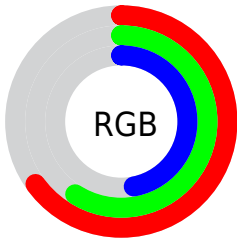
Format	Color
RYB	140, 165, 120
Decimal	10852216
CIELab	62.92, 0.17, 18.23
CIELCh	63, 18.234, 89.473
Yxy	31.4900, 0.3580, 0.3761
Android (android.graphics.Color)	4289042296 (0xFFA59778)
YUV	151.6520, -15.6044, 11.7062
Hunter-Lab	56.1147, -2.8545, 15.7529

Details

The HunterLab color $56.1147, -2.8545, 15.7529$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $48.7434, -0.8466, -13.2790$, and the grayscale version is $55.9507, -2.9854, 3.0399$.

A 20% lighter version of the original color is $78.6491, -4.2011, 18.9669$, and $36.1663, -1.5742, 12.4852$ is the 20% darker color. If you saturate the color by 10%, you get $54.3205, -2.2307, 19.2827$, and if you desaturate by 10%, it is $57.9775, -3.2226, 11.6577$.

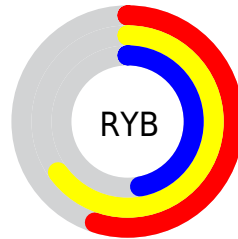
Distribution



Red (65%)

Green (59%)

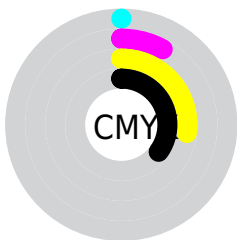
Blue (47%)



Red (55%)

Yellow (65%)

Blue (47%)

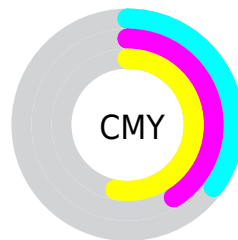


Cyan (0%)

Magenta (8%)

Yellow (27%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.1147, -2.8545, 15.7529 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 56.1147, -2.8545, 15.7529 by changing the saturation by 10% instead.

■ 56.1147, -2.8545,
15.7529

■ 56.1147, -2.8545,
15.7529

175.7241, -9.1795,
29.5656

■ 45.7955, -2.3143,
14.1208

■ 78.7469, -4.0482,
18.9101

■ 36.1991, -1.8116,
12.4304

■ 90.9849, -4.6941,
20.4542

■ 27.3862, -1.3517,
10.6566

■ 103.7984, -5.3710,
21.9845

■ 19.4338, -0.9390,
8.7577

117.1626, -6.0777,
23.5060

■ 12.4478, -0.5795,
7.3678

131.0558, -6.8129,
25.0222

■ 5.6848, -0.1750,
3.9793

145.4584, -7.5755,

0.0000, NaN, NaN

26.5361

0.0000, NaN, NaN

160.3531, -8.3647,
28.0500

0.0000, NaN, NaN

■ 56.1147, -2.8545,
15.7529

■ 56.1147, -2.8545,
15.7529

■ 54.3205, -2.2307,
19.2827

■ 57.9775, -3.2226,
11.6577

■ 52.5935, -1.3382,
22.2192

■ 59.9023, -3.3390,
7.0236

■ 50.9373, -0.1744,
24.5428

■ 61.8878, -3.2165,
1.8813

■ 49.3538, 1.2614,
26.2408

■ 63.9311, -2.8665,
-3.7388

■ 47.8442, 2.9639,
27.3128

■ 66.0297, -2.3010,
-9.8067

■ 46.4086, 4.9204,
27.7764

■ 68.1809, -1.5320,
-16.2934

■ 45.0433, 7.0954,
27.7096

■ 70.3823, -0.5713,
-23.1713

■ 44.6788, 7.7021,
27.6657

■ 72.6316, 0.5697,
-30.4143

■ 74.3231, -1.3907,
-29.6985

Harmonies

Analogous

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



56.1160, 4.9932, 14.2074



56.1147, -2.8545, 15.7529



56.1160, -10.3330, 14.3121

Triad

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



56.1160, -2.8563, 15.7536



56.1160, -15.7137, -4.5940



56.1160, 10.8090, -4.8582

Complementary

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



56.1147, -2.8545, 15.7529



48.7434, -0.8466, -13.2790

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.



56.1160, 4.7359, -11.1616



56.1147, -2.8545, 15.7529



56.1160, -10.5641, -10.9947

Square

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



56.1160, -2.8563, 15.7536



56.1160, -17.5007, 3.1884



56.1160, -3.1380, -13.5476



56.1160, 13.1475, 2.9204

Rectangle

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



56.1147, -2.8545, 15.7529



56.1160, -14.1667, 11.7182



56.1160, -3.1380, -13.5476



56.1160, 9.1206, -7.2573

Sweetspot

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



56.1160, -2.8563, 15.7536



79.9360, -4.4678, 9.9694



48.1257, 14.2710, 2.0051



37.1993, -2.0860, 5.0971



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



56.1160, -2.8563, 15.7536



73.5653, -3.3333, 24.1634



59.5059, -12.0401, 18.7512



28.0424, -1.5715, 3.7627



38.9784, 6.4770, 24.1317



6.3039, -0.2215, 3.8805

Inverse Universe

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



48.7434, -0.8466, -13.2790



61.5156, 0.0747, -23.5389



45.5615, 8.2139, -18.1049



26.8378, -1.2611, -0.9442



19.8692, 19.8881, -67.7674



4.0460, 0.3408, -5.7928

Previews

White Background



This preview shows how the HunterLab color 56.1147, -2.8545, 15.7529 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 56.1147, -2.8545, 15.7529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

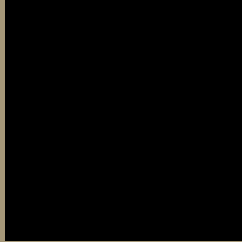
Any Text WCAG AA ✓ Pass

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 56.1147, -2.8545, 15.7529 Background



This preview shows how black text looks on a background with the HunterLab color 56.1147, -2.8545, 15.7529.



This preview shows how white text looks on a background with the HunterLab color 56.1147, -2.8545,

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

56.1147, -2.8545, 15.7529

Protanopia

56.1194, -4.3185, 15.7317

Deuteranopia

56.0386, 4.1495, 15.4646



Tritanopia

56.0599, 6.1007, 0.9144

Trichromacy



Original Color

56.1147, -2.8545, 15.7529

Protanomaly

56.2130, -3.9909, 15.8264

Deuteranomaly

56.0754, 1.4220, 15.4522

Tritanomaly

56.1411, 2.7730, 6.7770

Monochromacy



Original Color

56.1147, -2.8545, 15.7529

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

56.1409, -3.2861, 8.3336

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.1147, -2.8545, 15.7529 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(165, 151, 120)` looks like.

```
.text, #text, p{  
    color:rgb(165, 151, 120)  
}
```

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(165, 151, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 151, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 56.1147, -2.8545, 15.7529 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(165, 151, 120) }
```


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

```
.border{ border-color:rgb(165, 151, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 151, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 151, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 151, 120);  
box-shadow:4px 4px 4px 4px rgb(165, 151,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.1147, -2.8545, 15.7529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 151, 120) }
```

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

```
.background{ background-color: rgb(165,  
151, 120) }
```

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