

Converting Colors

HunterLab(56.0013, -32.6068,
20.6283)

Have a look what the booklet for
HunterLab(56.0013, -32.6068,
20.6283) contains.

HunterLab(56.0013, -32.6068, 20.6283)	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(56.0013,
-32.6068, 20.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	57A966
RGB	87, 169, 102
RGB Percent	34%, 66%, 40%
CMY	0.6588, 0.3372, 0.6000
CMYK	0.49, 0.00, 0.40, 0.34
HSL	131°, 32%, 50%
HSV	131°, 49%, 66%
XYZ	20.5167, 31.3615, 17.5424
YIQ	136.8440, -27.3650, -38.2210

Conversions

Conversions Part 2

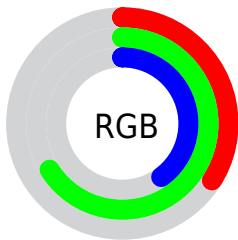
Format	Color
RYB	87, 156, 169
Decimal	5744998
CIELab	62.81, -39.77, 27.05
CIELCh	63, 48.101, 145.774
Yxy	31.3628, 0.2955, 0.4518
Android (android.graphics.Color)	4283935078 (0xFF57A966)
YUV	136.8440, -17.1781, -43.7132
Hunter-Lab	56.0013, -32.6068, 20.6283

Details

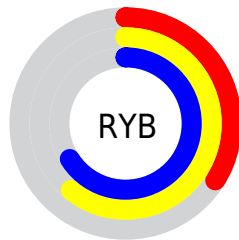
The HunterLab color **56.0013, -32.6068, 20.6283** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **41.9346, 35.6016, -16.7628**, and the grayscale version is **50.0287, -2.6694, 2.7182**.

A 20% lighter version of the original color is **78.6984, -38.1200, 24.7939**, and **36.0809, -26.4435, 16.0350** is the 20% darker color. If you saturate the color by 10%, you get **55.1278, -36.6008, 23.3539**, and if you desaturate by 10%, it is **57.0709, -27.8514, 17.5737**.

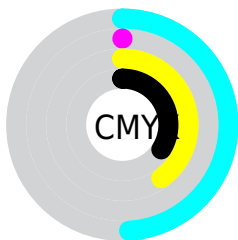
Distribution



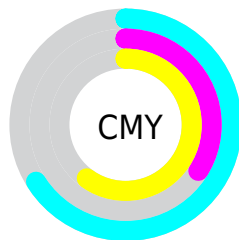
- Red (34%)
- Green (66%)
- Blue (40%)



- Red (34%)
- Yellow (61%)
- Blue (66%)



- Cyan (49%)
- Magenta (0%)
- Yellow (40%)
- Black (34%)



- Cyan (66%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.0013, -32.6068, 20.6283 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 56.0013, -32.6068, 20.6283 by changing the saturation by 10% instead.

■ 56.0013, -32.6068,
20.6283

■ 56.0013, -32.6068,
20.6283

175.5580,
-55.5956, 38.3139

■ 45.6894, -29.6281,
18.4135

■ 78.6198, -38.1846,
24.8227

■ 36.1010, -26.4695,
16.0850

■ 90.8515, -40.8327,
26.8359

■ 27.2968, -23.0689,
13.6027

■ 103.6590,
-43.4103, 28.8090

■ 19.3541, -19.3260,
10.9183

■ 117.0175,
-45.9298, 30.7505

■ 12.3791, -16.2230,
8.6654

130.9051,
-48.4010, 32.6669

■ 5.5801, -9.7653,
3.9061

145.3024,

0.0000, NaN, NaN

-50.8317, 34.5636

0.0000, NaN, NaN

160.1920,
-53.2281, 36.4447

0.0000, NaN, NaN

■ 56.0013, -32.6068,
20.6283

■ 56.0013, -32.6068,
20.6283

■ 55.1278, -36.6008,
23.3539

■ 57.0709, -27.8514,
17.5737

■ 54.4418, -39.8089,
25.7201

■ 58.3346, -22.3752,
14.2247

■ 53.9351, -42.2364,
27.7075


■ 59.7923, -16.2379,
10.6223

■ 53.5938, -43.9187,
29.3074


■ 61.4401, -9.5081,
6.8083


■ 53.3880, -44.9699,
30.5156

■ 63.2721, -2.2592,
2.8240

 53.3626, -45.0995,
30.6583

 65.2812, 5.4353,
-1.2921

 67.4591, 13.5049,
-5.5049

 69.7970, 21.8849,
-9.7843

 72.2857, 30.5174,
-14.1048

Harmonies

Analogous

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



56.0025, -19.4825, 27.7722



56.0013, -32.6068, 20.6283



56.0025, -37.8253, 5.8042

Triad

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



56.0025, -32.6077, 20.6288



56.0025, -5.9341, -50.3484



56.0025, 38.1849, 17.3051

Complementary

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



56.0013, -32.6068, 20.6283



41.9346, 35.6016, -16.7628

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.



56.0025, 43.2106, 0.1449



56.0013, -32.6068, 20.6283



56.0025, 15.6613, -43.7177

Square

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



56.0025, -32.6077, 20.6288



56.0025, -23.9319, -38.8943



56.0025, 34.4391, -23.1310



56.0025, 21.5654, 26.4084

Rectangle

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



56.0013, -32.6068, 20.6283



56.0025, -36.7792, -8.4255



56.0025, 34.4391, -23.1310



56.0025, 41.3819, 12.5134

Sweetspot

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



56.0025, -32.6077, 20.6288



80.7057, -18.8829, 12.5832



60.0559, -17.4436, 27.7988



37.4772, -9.6435, 6.3481



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



56.0025, -32.6077, 20.6288



73.7204, -49.2280, 31.4286



56.8740, -27.4163, 8.0228



29.0333, -4.7545, 3.3648



46.0737, -38.8930, 26.3708



7.2300, -5.7959, 3.4748

Inverse Universe

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



41.9346, 35.6016, -16.7628



51.7361, 58.1913, -26.9731



40.5887, 29.3599, 2.1237



27.6455, 1.8679, -0.3147



27.6825, 52.3800, -20.6608



4.3863, 8.4107, -4.1357

Previews

White Background



This preview shows how the HunterLab color 56.0013, -32.6068, 20.6283 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 56.0013, -32.6068, 20.6283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

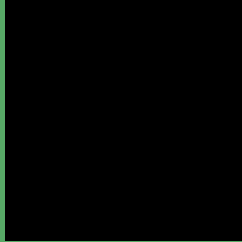
Any Text WCAG AA ✓ Pass

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 56.0013, -32.6068, 20.6283 Background



This preview shows how black text looks on a background with the HunterLab color 56.0013, -32.6068, 20.6283.



This preview shows how white text looks on a background with the HunterLab color 56.0013,

-32.6068, 20.6283.

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

56.0013, -32.6068, 20.6283

Protanopia

55.6406, -5.4618, 22.6533

Deuteranopia

55.6032, 3.5685, 19.1969



Tritanopia

56.0272, -15.5912, -7.5868

Trichromacy



Original Color

56.0013, -32.6068, 20.6283

Protanomaly

55.3660, -17.1029, 21.4426

Deuteranomaly

55.0116, -11.8701, 18.9940

Tritanomaly

55.8560, -22.7390, 4.7193

Monochromacy



Original Color

56.0013, -32.6068, 20.6283

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

51.8383, -14.9853, 9.8702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0013, -32.6068, 20.6283 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(87, 169, 102)` looks like.

```
.text, #text, p{  
    color:rgb(87, 169, 102)  
}
```

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(87, 169, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 169, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0013, -32.6068, 20.6283 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(87, 169, 102) }
```


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

```
.border{ border-color:rgb(87, 169, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 169, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 169, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 169, 102);  
box-shadow:4px 4px 4px 4px rgb(87, 169,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.0013, -32.6068, 20.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 169, 102) }
```

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

```
.background{ background-color: rgb(87, 169,  
102) }
```

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