

Converting Colors

HunterLab(56.6287, -16.3511,
3.9540)

Have a look what the booklet for
HunterLab(56.6287, -16.3511,
3.9540) contains.

HunterLab(56.6287, -16.3511, 3.9540)	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(56.6287,
-16.3511, 3.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	78A297
RGB	120, 162, 151
RGB Percent	47%, 64%, 59%
CMY	0.5294, 0.3647, 0.4078
CMYK	0.26, 0.00, 0.07, 0.36
HSL	164°, 18%, 55%
HSV	164°, 26%, 64%
XYZ	26.2520, 32.0681, 34.0843
YIQ	148.1880, -21.5010, -12.3250

Conversions

Conversions Part 2

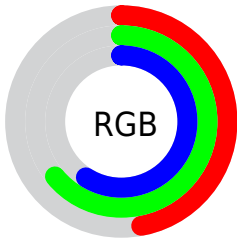
Format	Color
RYB	120, 144, 162
Decimal	7905943
CIELab	63.40, -16.62, 1.10
CIELCh	63, 16.655, 176.221
Yxy	32.0694, 0.2841, 0.3470
Android (android.graphics.Color)	4286096023 (0xFF78A297)
YUV	148.1880, 1.3863, -24.7209
Hunter-Lab	56.6287, -16.3511, 3.9540

Details

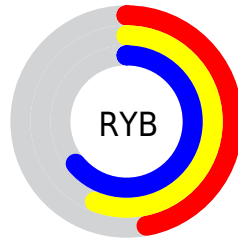
The HunterLab color **56.6287, -16.3511, 3.9540** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **47.7010, 12.7489, 2.9251**, and the grayscale version is **54.4962, -2.9078, 2.9609**.

A 20% lighter version of the original color is **79.3207, -19.3940, 5.3653**, and **36.5706, -13.2267, 2.7563** is the 20% darker color. If you saturate the color by 10%, you get **55.5626, -20.6005, 4.5275**, and if you desaturate by 10%, it is **57.8513, -11.6246, 3.5521**.

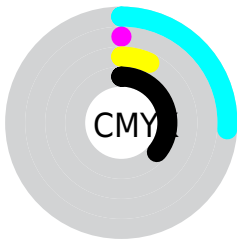
Distribution



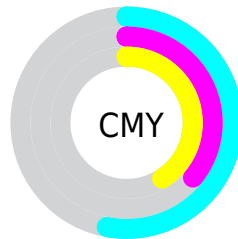
- Red (47%)
- Green (64%)
- Blue (59%)



- Red (47%)
- Yellow (56%)
- Blue (64%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (36%)



- Cyan (53%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.6287, -16.3511, 3.9540 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 56.6287, -16.3511, 3.9540 by changing the saturation by 10% instead.

■ 56.6287, -16.3511,
3.9540

■ 56.6287, -16.3511,
3.9540

176.4753,
-29.4071, 10.8856

■ 46.2758, -14.8431,
3.3335

■ 79.3221, -19.2969,
5.2953

■ 36.6433, -13.2940,
2.7470

■ 91.5884, -20.7482,
6.0115

■ 27.7911, -11.6848,
2.1974

■ 104.4289,
-22.1924, 6.7569

■ 19.7952, -9.9831,
1.6870

117.8190,
-23.6330, 7.5302

■ 12.7596, -8.1301,
1.2181

131.7371,
-25.0728, 8.3306

■ 6.1353, -10.7369,
1.0755

146.1638,

0.0000, NaN, NaN

-26.5140, 9.1571

0.0000, NaN, NaN

161.0818,
-27.9583, 10.0090

0.0000, NaN, NaN

■ 56.6287, -16.3511,
3.9540

■ 56.6287, -16.3511,
3.9540

■ 55.5626, -20.6005,
4.5275

■ 57.8513, -11.6246,
3.5521

■ 54.6494, -24.3372,
5.2643

■ 59.2252, -6.4583,
3.3216

■ 53.8883, -27.5396,
6.1555

■ 60.7483, -0.8974,
3.2621

■ 53.2745, -30.1980,
7.1869

■ 62.4162, 5.0122,
3.3694

■ 52.8006, -32.3192,
8.3406

■ 64.2236, 11.2248,
3.6374

■ 52.4558, -33.9288,
9.5944

■ 66.1647, 17.6970,
4.0582

■ 52.2228, -35.0846,
10.9198

■ 68.2332, 24.3887,
4.6228

■ 52.1415, -35.4985,
11.4587

■ 70.4226, 31.2635,
5.3216

■ 71.2631, 34.0118,
4.3605

Harmonies

Analogous

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



56.6299, -14.2181, 10.0105



56.6287, -16.3511, 3.9540



56.6299, -15.0663, -3.1355

Triad

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



56.6299, -16.3520, 3.9548



56.6299, 3.3070, -10.2412



56.6299, 4.9867, 13.0894

Complementary

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



56.6287, -16.3511, 3.9540



47.7010, 12.7489, 2.9251

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.



56.6299, 10.1156, 8.6668



56.6287, -16.3511, 3.9540



56.6299, 9.1119, -4.8490

Square

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



56.6299, -16.3520, 3.9548



56.6299, -3.9460, -11.9130



56.6299, 11.6619, 2.1961



56.6299, -2.0973, 14.8456

Rectangle

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



56.6287, -16.3511, 3.9540



56.6299, -12.4061, -7.4224



56.6299, 11.6619, 2.1961



56.6299, 7.0102, 11.8949

Sweetspot

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



56.6299, -16.3520, 3.9548



79.3677, -10.2991, 4.5245



56.6033, -18.0021, 15.9503



37.4830, -5.3690, 2.1624



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.



56.6299, -16.3520, 3.9548



75.4603, -25.3564, 5.7378



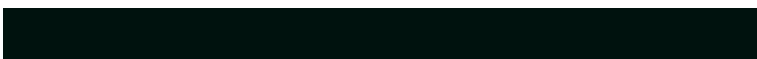
53.9670, -10.0029, -4.4766



28.2479, -3.9586, 1.6250



46.2875, -31.4593, 10.0562



6.7622, -4.2407, 0.7022

Inverse Universe

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



47.7010, 12.7489, 2.9251



60.9649, 22.0416, 4.1508



49.9504, 6.3834, 9.7986



26.6740, 1.1437, 1.4289



24.8837, 43.1784, 11.7051



3.7068, 6.6244, 0.2525

Previews

White Background



This preview shows how the HunterLab color 56.6287, -16.3511, 3.9540 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 56.6287, -16.3511, 3.9540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

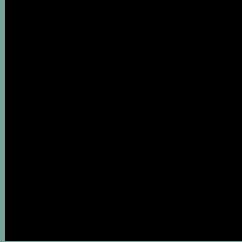
Any Text WCAG AA ✓ Pass

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 56.6287, -16.3511, 3.9540 Background



This preview shows how black text looks on a background with the HunterLab color 56.6287, -16.3511, 3.9540.



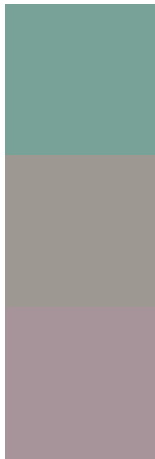
This preview shows how white text looks on a background with the HunterLab color 56.6287, -16.3511, 3.9540.

-16.3511, 3.9540.

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

56.6287, -16.3511, 3.9540

Protanopia

56.3027, -2.4005, 6.0144

Deuteranopia

56.3280, 3.9698, 2.5990



Tritanopia

56.6215, -10.3232, -6.1600

Trichromacy



Original Color

56.6287, -16.3511, 3.9540

Protanomaly

56.4308, -7.8592, 5.1983

Deuteranomaly

56.1840, -3.9039, 2.7489

Tritanomaly

56.5976, -12.5043, -2.1365

Monochromacy



Original Color

56.6287, -16.3511, 3.9540

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

55.0960, -7.9802, 3.2120

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.6287, -16.3511, 3.9540 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(120, 162, 151)` looks like.

```
.text, #text, p{  
    color:rgb(120, 162, 151)  
}
```

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(120, 162, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 162, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 56.6287, -16.3511, 3.9540 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(120, 162, 151) }
```


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

```
.border{ border-color:rgb(120, 162, 151) }
```

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

Here you see how a box with a 4 pixel rgb(120, 162, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 162, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 162, 151);  
box-shadow:4px 4px 4px 4px rgb(120, 162,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.6287, -16.3511, 3.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 162, 151) }
```

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

```
.background{ background-color: rgb(120,  
162, 151) }
```

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