

Converting Colors

HunterLab(58.7094, -28.8212,
11.0040)

Have a look what the booklet for
HunterLab(58.7094, -28.8212,
11.0040) contains.

HunterLab(58.7055, -28.8162, 11.0003)	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(58.7055,
-28.8162, 11.0003)**

Conversions

Conversions Part 1

Format	Color
Hex	5DAE8B
RGB	93, 174, 139
RGB Percent	36%, 68%, 55%
CMY	0.6353, 0.3176, 0.4549
CMYK	0.47, 0.00, 0.20, 0.32
HSL	154°, 33%, 52%
HSV	154°, 47%, 68%
XYZ	24.3105, 34.4634, 29.7969
YIQ	145.7910, -37.0410, -28.0570

Conversions

Conversions Part 2

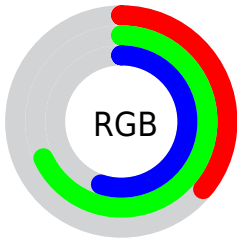
Format	Color
RYB	93, 145, 174
Decimal	6139531
CIELab	65.33, -33.17, 10.38
CIELCh	65, 34.754, 162.630
Yxy	34.4648, 0.2745, 0.3891
Android (android.graphics.Color)	4284329611 (0xFF5DAE8B)
YUV	145.7910, -3.3480, -46.2977
Hunter-Lab	58.7055, -28.8162, 11.0003

Details

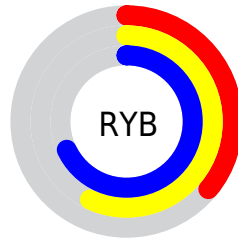
The HunterLab color **58.7055, -28.8162, 11.0003** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **42.8798, 30.1435, -1.2895**, and the grayscale version is **53.5543, -2.8575, 2.9097**.

A 20% lighter version of the original color is **81.6944, -33.4213, 13.1389**, and **38.4569, -23.6527, 8.7117** is the 20% darker color. If you saturate the color by 10%, you get **57.8320, -32.6384, 12.8742**, and if you desaturate by 10%, it is **59.7543, -24.3743, 9.1997**.

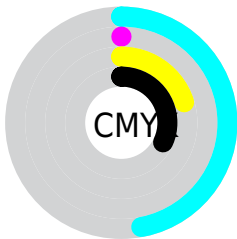
Distribution



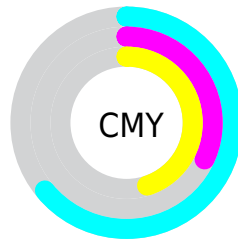
- Red (36%)
- Green (68%)
- Blue (55%)



- Red (36%)
- Yellow (57%)
- Blue (68%)



- Cyan (47%)
- Magenta (0%)
- Yellow (20%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7055, -28.8162, 11.0003 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 58.7055, -28.8162, 11.0003 by changing the saturation by 10% instead.

■ 58.7055, -28.8162,
11.0003

■ 58.7055, -28.8162,
11.0003

179.4991,
-48.8062, 21.5568

■ 48.2191, -26.2987,
9.8571

■ 81.6430, -33.5821,
13.2875

■ 38.4433, -23.6526,
8.7045

■ 94.0221, -35.8660,
14.4379

■ 29.4352, -20.8336,
7.5325

■ 106.9706,
-38.1011, 15.5965

■ 21.2671, -17.7704,
6.3238

■ 120.4642,
-40.2965, 16.7649

■ 14.0362, -14.3473,
5.0467

134.4818,
-42.4594, 17.9443

■ 7.6814, -13.4425,
5.3770

149.0046,

0.0000, NaN, NaN

-44.5957, 19.1357

0.0000, NaN, NaN

164.0155,
-46.7100, 20.3397

0.0000, NaN, NaN

■ 58.7055, -28.8162,
11.0003

■ 58.7055, -28.8162,
11.0003

■ 57.8320, -32.6384,
12.8742

■ 59.7543, -24.3743,
9.1997

■ 57.1255, -35.8224,
14.7946

■ 60.9768, -19.3424,
7.4921

■ 56.5792, -38.3721,
16.7350

■ 62.3735, -13.7645,
5.8961

■ 56.1808, -40.3139,
18.6660

■ 63.9418, -7.6918,
4.4254

■ 55.9103, -41.7146,
20.5542

■ 65.6775, -1.1796,
3.0901

■ 55.8307, -42.1372,
21.1786

■ 67.5750, 5.7161,
1.8963

■ 69.6279, 12.9405,
0.8468

■ 71.8290, 20.4423,
-0.0588

■ 74.1710, 28.1748,
-0.8229

Harmonies

Analogous

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



58.7067, -21.8812, 20.3774



58.7055, -28.8162, 11.0003



58.7067, -29.3354, -3.3062

Triad

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



58.7067, -28.8169, 11.0009



58.7067, 3.4832, -31.4882



58.7067, 20.2873, 19.2562

Complementary

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



58.7055, -28.8162, 11.0003



42.8798, 30.1435, -1.2895

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.



58.7067, 28.6569, 9.0294



58.7055, -28.8162, 11.0003



58.7067, 18.3042, -21.5474

Square

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



58.7067, -28.8169, 11.0009



58.7067, -11.7198, -30.5621



58.7067, 27.8958, -5.8547



58.7067, 5.9721, 24.2298

Rectangle

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



58.7055, -28.8162, 11.0003



58.7067, -26.0580, -14.1204



58.7067, 27.8958, -5.8547



58.7067, 23.9526, 16.4502

Sweetspot

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



58.7067, -28.8169, 11.0009



84.4700, -16.7103, 7.4689



59.7167, -26.6974, 26.0474



39.6203, -8.6721, 3.7259



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



58.7067, -28.8169, 11.0009



77.8408, -44.1638, 17.4515



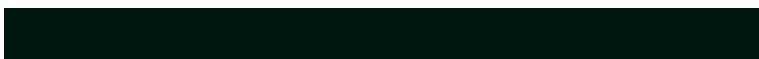
57.9758, -20.5788, -5.5897



30.0212, -4.4483, 2.2774



47.5599, -35.8069, 17.8512



7.9997, -5.5592, 2.0017

Inverse Universe

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



42.8798, 30.1435, -1.2895



52.6962, 50.4020, -1.4264



43.1280, 23.1861, 12.7437



28.4089, 1.4522, 0.9639



26.2842, 46.4650, 5.7247



4.5089, 8.2036, -0.8227

Previews

White Background



This preview shows how the HunterLab color 58.7055, -28.8162, 11.0003 looks on a white background.

Color Contrast Check

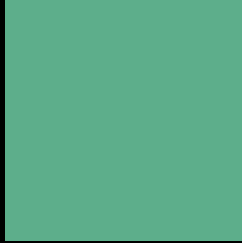
Large Text (above 18pt) WCAG AA × Fail

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 58.7055, -28.8162, 11.0003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

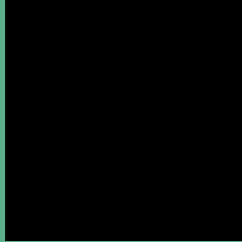
Any Text WCAG AA ✓ Pass

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 58.7055, -28.8162, 11.0003 Background



This preview shows how black text looks on a background with the HunterLab color 58.7055, -28.8162, 11.0003.



This preview shows how white text looks on a background with the HunterLab color 58.7055,

-28.8162, 11.0003.

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

58.7055, -28.8162, 11.0003

Protanopia

58.2822, -3.7121, 14.0042

Deuteranopia

58.2538, 4.1449, 9.1134



Tritanopia

58.5882, -16.7495, -8.9776

Trichromacy



Original Color

58.7055, -28.8162, 11.0003

Protanomaly

57.8715, -14.2466, 12.3036

Deuteranomaly

57.7041, -9.7715, 9.0914

Tritanomaly

58.4910, -21.4475, -0.9028

Monochromacy



Original Color

58.7055, -28.8162, 11.0003

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

55.0201, -13.2359, 5.6681

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7055, -28.8162, 11.0003 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(93, 174, 139)` looks like.

```
.text, #text, p{  
    color:rgb(93, 174, 139)  
}
```

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(93, 174, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 174, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7055, -28.8162, 11.0003 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(93, 174, 139) }
```


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

```
.border{ border-color:rgb(93, 174, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 174, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 174, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 174, 139);  
box-shadow:4px 4px 4px 4px rgb(93, 174,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7055, -28.8162, 11.0003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 174, 139) }
```

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

```
.background{ background-color: rgb(93, 174,  
139) }
```

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