

Converting Colors

HunterLab(60.3339, -28.0835,
3.9979)

Have a look what the booklet for
HunterLab(60.3339, -28.0835,
3.9979) contains.

HunterLab(60.3366, -28.0907, 4.0066)	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(60.3366,
-28.0907, 4.0066)**

Conversions

Conversions Part 1

Format	Color
Hex	57B2A0
RGB	87, 178, 160
RGB Percent	34%, 70%, 63%
CMY	0.6588, 0.3019, 0.3725
CMYK	0.51, 0.00, 0.10, 0.30
HSL	168°, 37%, 52%
HSV	168°, 51%, 70%
XYZ	26.1960, 36.4051, 38.9038
YIQ	148.7390, -48.4580, -24.8900

Conversions

Conversions Part 2

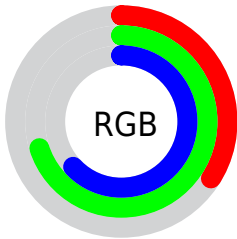
Format	Color
RYB	87, 137, 178
Decimal	5747360
CIELab	66.83, -31.63, 0.89
CIELCh	67, 31.643, 178.390
Yxy	36.4065, 0.2581, 0.3587
Android (android.graphics.Color)	4283937440 (0xFF57B2A0)
YUV	148.7390, 5.5517, -54.1451
Hunter-Lab	60.3366, -28.0907, 4.0066

Details

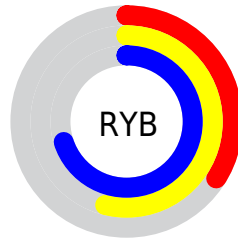
The HunterLab color **60.3366, -28.0907, 4.0066** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **41.5960, 31.5679, 7.1324**, and the grayscale version is **54.7101, -2.9192, 2.9725**.

A 20% lighter version of the original color is **83.4216, -32.5470, 5.1415**, and **39.9419, -23.2094, 2.7293** is the 20% darker color. If you saturate the color by 10%, you get **59.6081, -31.1536, 4.6878**, and if you desaturate by 10%, it is **61.2344, -24.4274, 3.5164**.

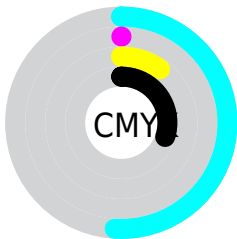
Distribution



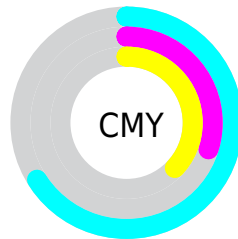
- Red (34%)
- Green (70%)
- Blue (63%)



- Red (34%)
- Yellow (54%)
- Blue (70%)



- Cyan (51%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)



- Cyan (66%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.3366, -28.0907, 4.0066 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 60.3366, -28.0907, 4.0066 by changing the saturation by 10% instead.

60.3366, -28.0907,
4.0066

60.3366, -28.0907,
4.0066

181.8609,
-47.3699, 10.9470

49.7477, -25.6854,
3.3853

83.4620, -32.6610,
5.3496

39.8618, -23.1656,
2.7982

95.9282, -34.8581,
6.0669

30.7345, -20.4920,
2.2483

108.9598,
-37.0120, 6.8132

22.4350, -17.6022,
1.7381

122.5333,
-39.1309, 7.5876

15.0559, -14.3897,
1.2704

136.6278,
-41.2214, 8.3889

8.6951, -15.2165,
0.8972

151.2249,

0.0000, NaN, NaN

-43.2886, 9.2165

0.0000, NaN, NaN

166.3076,
-45.3369, 10.0694

0.0000, NaN, NaN

■ 60.3366, -28.0907,
4.0066

■ 60.3366, -28.0907,
4.0066

■ 59.6081, -31.1536,
4.6878

■ 61.2344, -24.4274,
3.5164

■ 59.0380, -33.6164,
5.5428

■ 62.3020, -20.1771,
3.2250

■ 58.6168, -35.5013,
6.5520

■ 63.5424, -15.3686,
3.1382

■ 58.3293, -36.8538,
7.6899

■ 64.9548, -10.0407,
3.2566

■ 58.1539, -37.7316,
8.7643

■ 66.5367, -4.2390,
3.5770

■ 68.2840, 1.9869,
4.0927

■ 70.1915, 8.5862,
4.7950

■ 72.2531, 15.5094,
5.6728

■ 74.4619, 22.7093,
6.7144

Harmonies

Analogous

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



60.3378, -24.6973, 15.3404



60.3366, -28.0907, 4.0066



60.3378, -25.3493, -10.3691

Triad

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



60.3378, -28.0912, 4.0074



60.3378, 10.2719, -24.2225



60.3378, 11.7165, 21.4358

Complementary

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



60.3366, -28.0907, 4.0066



41.5960, 31.5679, 7.1324

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.



60.3378, 22.6379, 14.3439



60.3366, -28.0907, 4.0066



60.3378, 21.7512, -11.9238

Square

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



60.3378, -28.0912, 4.0074



60.3378, -3.9856, -28.7534



60.3378, 26.4667, 2.5523



60.3378, -2.4560, 23.8571

Rectangle

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



60.3366, -28.0907, 4.0066



60.3378, -20.2545, -19.4591



60.3378, 26.4667, 2.5523



60.3378, 15.9367, 19.6134

Sweetspot

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



60.3378, -28.0912, 4.0074



86.6543, -16.5701, 4.2861



59.6202, -34.0045, 27.1749



40.6011, -8.5025, 2.0022



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



60.3378, -28.0912, 4.0074



80.1886, -42.2952, 6.4105



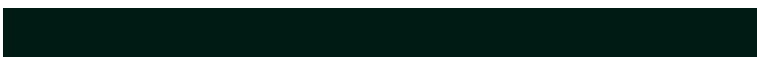
52.2289, -12.8432, -15.8572



30.9874, -4.2899, 1.5675



49.1994, -31.8602, 7.2819



8.7691, -5.3967, 0.6892

Inverse Universe

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



41.5960, 31.5679, 7.1324



50.8734, 52.3491, 12.1067



47.1769, 16.3171, 18.0230



29.2093, 1.2116, 1.7797



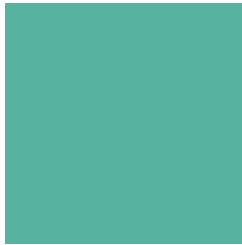
26.2057, 45.2411, 14.1203



4.7343, 8.3412, 1.2492

Previews

White Background



This preview shows how the HunterLab color 60.3366, -28.0907, 4.0066 looks on a white background.

Color Contrast Check

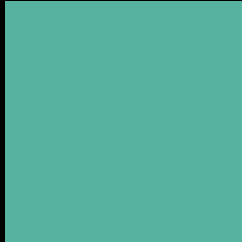
Large Text (above 18pt) WCAG AA × Fail

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 60.3366, -28.0907, 4.0066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

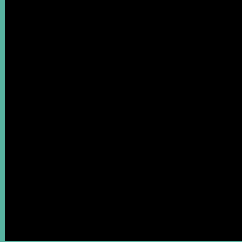
Any Text WCAG AA ✓ Pass

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 60.3366, -28.0907, 4.0066 Background



This preview shows how black text looks on a background with the HunterLab color 60.3366, -28.0907, 4.0066.



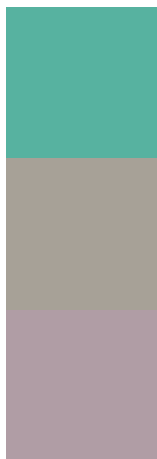
This preview shows how white text looks on a background with the HunterLab color 60.3366,

-28.0907, 4.0066.

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

60.3366, -28.0907, 4.0066

Protanopia

59.9496, -2.8815, 7.9342

Deuteranopia

60.0505, 4.1597, 1.9292



Tritanopia

60.3239, -19.6455, -9.9341

Trichromacy



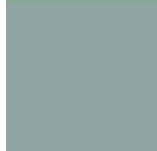
Original Color

60.3366, -28.0907, 4.0066



Protanomaly

59.4759, -13.6481, 5.9335



Deuteranomaly

59.5684, -9.6506, 2.0484



Tritanomaly

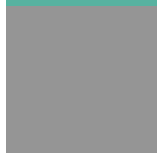
60.1676, -22.5813, -4.8254

Monochromacy



Original Color

60.3366, -28.0907, 4.0066



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

56.4598, -13.6810, 2.9031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.3366, -28.0907, 4.0066 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, 178, 160)` looks like.

```
.text, #text, p{  
    color:rgb(87, 178, 160)  
}
```

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, 178, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 178, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 60.3366, -28.0907, 4.0066 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, 178, 160) }
```


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

```
.border{ border-color:rgb(87, 178, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 178, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 178, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 178, 160);  
box-shadow:4px 4px 4px 4px rgb(87, 178,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.3366, -28.0907, 4.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 178, 160) }
```

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

```
.background{ background-color: rgb(87, 178,  
160) }
```

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