

Converting Colors

HunterLab(58.8844, -28.3611,
3.9480)

Have a look what the booklet for
HunterLab(58.8844, -28.3611,
3.9480) contains.

HunterLab(58.9625, -28.5935, 4.2046)	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(58.9625,
-28.5935, 4.2046)**

Conversions

Conversions Part 1

Format	Color
Hex	50AF9C
RGB	80, 175, 156
RGB Percent	31%, 69%, 61%
CMY	0.6863, 0.3137, 0.3882
CMYK	0.54, 0.00, 0.11, 0.31
HSL	168°, 37%, 50%
HSV	168°, 54%, 69%
XYZ	24.6390, 34.7658, 36.8644
YIQ	144.4290, -50.5210, -26.0490

Conversions

Conversions Part 2

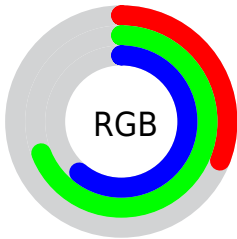
Format	Color
RYB	80, 133, 175
Decimal	5287836
CIELab	65.57, -32.77, 1.24
CIElCh	66, 32.791, 177.838
Yxy	34.7671, 0.2559, 0.3611
Android (android.graphics.Color)	4283477916 (0xFF50AF9C)
YUV	144.4290, 5.7045, -56.5042
Hunter-Lab	58.9625, -28.5935, 4.2046

Details

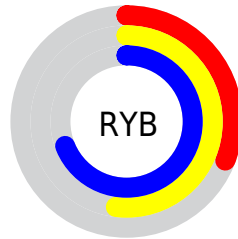
The HunterLab color **58.9625, -28.5935, 4.2046** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39.6902, 33.0868, 7.4006**, and the grayscale version is **52.9761, -2.8267, 2.8783**.

A 20% lighter version of the original color is **81.9288, -33.2950, 5.7767**, and **38.7010, -23.5207, 2.9611** is the 20% darker color. If you saturate the color by 10%, you get **58.2967, -31.4190, 4.9409**, and if you desaturate by 10%, it is **59.7921, -25.1787, 3.6505**.

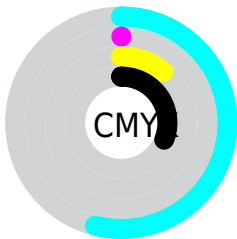
Distribution



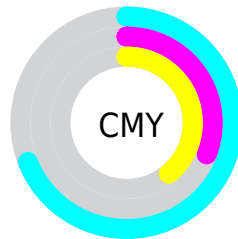
- Red (31%)
- Green (69%)
- Blue (61%)



- Red (31%)
- Yellow (52%)
- Blue (69%)



- Cyan (54%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.9625, -28.5935, 4.2046 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 58.9625, -28.5935, 4.2046 by changing the saturation by 10% instead.

■ 58.9625, -28.5935,
4.2046

■ 58.9625, -28.5935,
4.2046

179.8720,
-48.4021, 11.2418

■ 48.4598, -26.1037,
3.5694

■ 81.9298, -33.3100,
5.5728

■ 38.6665, -23.4888,
2.9674

■ 94.3227, -35.5719,
6.3016

■ 29.6395, -20.7053,
2.4011

■ 107.2843,
-37.7863, 7.0590

■ 21.4504, -17.6838,
1.8724

■ 120.7906,
-39.9621, 7.8439

■ 14.1959, -14.3046,
1.3836

134.8205,
-42.1065, 8.6554

■ 7.8505, -13.7383,
1.0806

149.3550,

0.0000, NaN, NaN

-44.2250, 9.4927

0.0000, NaN, NaN

164.3773,
-46.3223, 10.3551

0.0000, NaN, NaN

■ 58.9625, -28.5935,
4.2046

■ 58.9625, -28.5935,
4.2046

■ 58.2967, -31.4190,
4.9409

■ 59.7921, -25.1787,
3.6505

■ 57.7833, -33.6610,
5.8410

■ 60.7871, -21.1831,
3.2879

■ 57.4116, -35.3480,
6.8840

■ 61.9509, -16.6312,
3.1240

■ 57.1653, -36.5325,
8.0431

■ 63.2835, -11.5581,
3.1610

■ 57.0566, -37.0790,
8.7270

■ 64.7830, -6.0068,
3.3968

■ 66.4459, -0.0249,
3.8261

■ 68.2673, 6.3381,
4.4409

■ 70.2414, 13.0329,
5.2313

■ 72.3619, 20.0128,
6.1860

Harmonies

Analogous

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



58.9637, -25.0229, 15.6969



58.9625, -28.5935, 4.2046



58.9637, -25.9154, -10.6272

Triad

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



58.9637, -28.5940, 4.2053



58.9637, 10.4989, -25.5239



58.9637, 12.5025, 21.5937

Complementary

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



58.9625, -28.5935, 4.2046



39.6902, 33.0868, 7.4006

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.



58.9637, 23.6994, 14.3387



58.9625, -28.5935, 4.2046



58.9637, 22.4660, -12.7963

Square

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



58.9637, -28.5940, 4.2053



58.9637, -4.2016, -30.0792



58.9637, 27.5091, 2.1961



58.9637, -2.0895, 24.0991

Rectangle

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



58.9625, -28.5935, 4.2046



58.9637, -20.7858, -20.1351



58.9637, 27.5091, 2.1961



58.9637, 16.8396, 19.7317

Sweetspot

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



58.9637, -28.5940, 4.2053



84.3155, -16.8727, 4.1989



58.2952, -34.3484, 27.6003



39.5768, -8.6111, 1.9698



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.



58.9637, -28.5940, 4.2053



77.8738, -42.6556, 6.8178



50.9979, -13.4675, -15.9649



30.0736, -4.1562, 1.5288



48.2922, -31.3216, 7.2533



8.0973, -4.9657, 0.5986

Inverse Universe

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



39.6902, 33.0868, 7.4006



48.0418, 54.3190, 12.7200



44.9358, 18.1973, 17.9932



28.3559, 1.1671, 1.7197



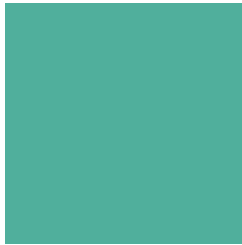
25.7313, 44.4318, 13.7888



4.3775, 7.7265, 1.0473

Previews

White Background



This preview shows how the HunterLab color 58.9625, -28.5935, 4.2046 looks on a white background.

Color Contrast Check

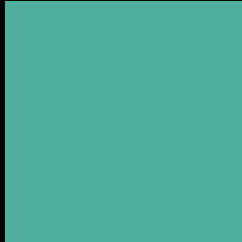
Large Text (above 18pt) WCAG AA × Fail

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 58.9625, -28.5935, 4.2046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

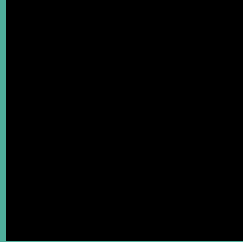
Any Text WCAG AA ✓ Pass

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 58.9625, -28.5935, 4.2046 Background



This preview shows how black text looks on a background with the HunterLab color 58.9625, -28.5935, 4.2046.



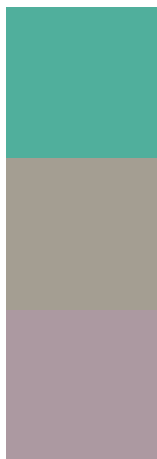
This preview shows how white text looks on a background with the HunterLab color 58.9625,

-28.5935, 4.2046.

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

58.9625, -28.5935, 4.2046

Protanopia

58.6699, -3.1082, 8.6161

Deuteranopia

58.4177, 4.2177, 1.8489



Tritanopia

58.9934, -19.9202, -10.1269

Trichromacy



Original Color

58.9625, -28.5935, 4.2046

Protanomaly

58.0857, -14.2115, 6.0909

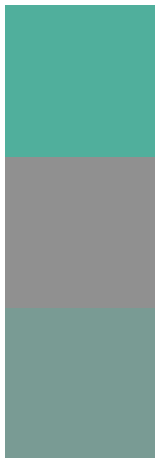
Deuteranomaly

57.8636, -9.7946, 1.8743

Tritanomaly

58.7703, -23.1802, -4.5903

Monochromacy



Original Color

58.9625, -28.5935, 4.2046

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

54.4479, -13.4828, 2.8060

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.9625, -28.5935, 4.2046 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(80, 175, 156)` looks like.

```
.text, #text, p{  
    color:rgb(80, 175, 156)  
}
```

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(80, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 175, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 58.9625, -28.5935, 4.2046 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(80, 175, 156) }
```


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

```
.border{ border-color:rgb(80, 175, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(80, 175,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.9625, -28.5935, 4.2046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 175, 156) }
```

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

```
.background{ background-color: rgb(80, 175,  
156) }
```

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