

Converting Colors

HunterLab(57.6427, -29.3119,
-5.6513)

Have a look what the booklet for
HunterLab(57.6427, -29.3119,
-5.6513) contains.

HunterLab(57.6434, -29.3018, -5.6579)	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(57.6434,
-29.3018, -5.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	21ADAD
RGB	33, 173, 173
RGB Percent	13%, 68%, 68%
CMY	0.8705, 0.3216, 0.3216
CMYK	0.81, 0.00, 0.00, 0.32
HSL	180°, 68%, 40%
HSV	180°, 81%, 68%
XYZ	23.1136, 33.2276, 44.7305
YIQ	131.1400, -83.4400, -29.6800

Conversions

Conversions Part 2

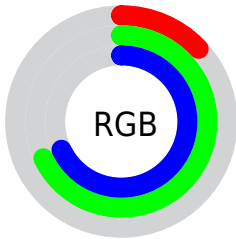
Format	Color
R_{YB}	33, 103, 173
Decimal	2207149
CIE _{Lab}	64.35, -34.22, -10.15
CIE _{LCh}	64, 35.697, 196.521
Yxy	33.2289, 0.2287, 0.3288
Android (android.graphics.Color)	4280397229 (0xFF21ADAD)
YUV	131.1400, 20.6370, -86.0688
Hunter-Lab	57.6434, -29.3018, -5.6579

Details

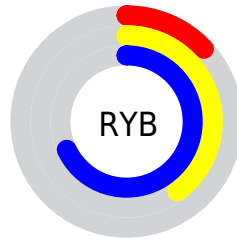
The HunterLab color **57.6434, -29.3018, -5.6579** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **31.7534, 45.9157, 17.6817**, and the grayscale version is **47.6430, -2.5421, 2.5885**.

A 20% lighter version of the original color is **80.4389, -34.3263, -5.1357**, and **38.4882, -20.1989, -4.5032** is the 20% darker color. If you saturate the color by 10%, you get **57.4569, -30.0411, -5.9183**, and if you desaturate by 10%, it is **57.9581, -28.0721, -5.2224**.

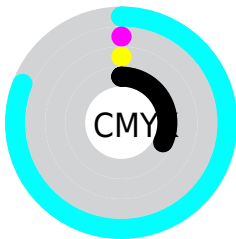
Distribution



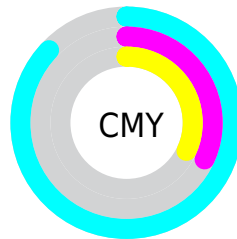
- Red (13%)
- Green (68%)
- Blue (68%)



- Red (13%)
- Yellow (40%)
- Blue (68%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)



- Cyan (87%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.6434, -29.3018, -5.6579 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 57.6434, -29.3018, -5.6579 by changing the saturation by 10% instead.

■ 57.6434, -29.3018,
-5.6579

■ 57.6434, -29.3018,
-5.6579

177.9550,
-49.7849, -2.6417

■ 47.2248, -26.7051,
-5.7427

■ 80.4566, -34.2033,
-5.3098

■ 37.5218, -23.9704,
-5.7616

■ 92.7784, -36.5475,
-5.0576

■ 28.5929, -21.0491,
-5.7062

■ 105.6719,
-38.8390, -4.7579

■ 20.5121, -17.8633,
-5.5677

■ 119.1128,
-41.0876, -4.4139

■ 13.3801, -14.4230,
-5.3378

■ 133.0798,
-43.3008, -4.0281

■ 6.9362, -12.1383,
-5.9095

147.5536,

0.0000, NaN, -NF

-45.4849, -3.6029

0.0000, NaN, NaN

162.5172,
-47.6449, -3.1402

0.0000, NaN, NaN

■ 57.6434, -29.3018,
-5.6579

■ 57.6434, -29.3018,
-5.6579

■ 57.4569, -30.0411,
-5.9183

■ 57.9581, -28.0721,
-5.2224

■ 57.3632, -30.4115,
-6.0491

■ 58.4127, -26.3027,
-4.5966

■ 59.0191, -23.9660,
-3.7698

■ 59.7851, -21.0521,
-2.7380

■ 60.7155, -17.5673,
-1.5029

■ 61.8126, -13.5312,
-0.0711

■ 63.0766, -8.9741,
1.5474

■ 64.5057, -3.9347,
3.3396

■ 66.0967, 1.5436,
5.2904

Harmonies

Analogous

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



57.6445, -29.6388, 9.4488



57.6434, -29.3018, -5.6579



57.6445, -22.4473, -21.8842

Triad

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



57.6445, -29.3019, -5.6571



57.6445, 20.5480, -20.3753



57.6445, 4.1412, 24.6890

Complementary

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



57.6434, -29.3018, -5.6579



31.7534, 45.9157, 17.6817

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.



57.6445, 19.2415, 20.3529



57.6434, -29.3018, -5.6579



57.6445, 29.3769, -3.9789

Square

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



57.6445, -29.3019, -5.6571



57.6445, 5.7755, -31.8185



57.6445, 28.8746, 10.7337



57.6445, -11.4290, 24.4660

Rectangle

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



57.6434, -29.3018, -5.6579



57.6445, -14.6399, -29.9771



57.6445, 28.8746, 10.7337



57.6445, 9.4718, 23.7792

Sweetspot

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



57.6445, -29.3019, -5.6571



82.1808, -20.0808, -0.7952



55.1012, -44.8425, 31.6189



38.0758, -10.2271, -0.6779



93.2148, -4.9737, 5.0645



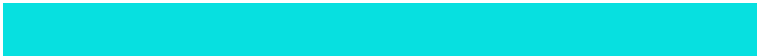
40.3295, -2.1519, 2.1912

Same Dimension

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



57.6445, -29.3019, -5.6571



76.7942, -40.5862, -8.0557



36.7606, 0.0415, -41.1147



30.1199, -3.8987, 0.8685



49.1661, -26.0658, -5.1847



8.2004, -4.3475, -0.8648

Inverse Universe

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



31.7534, 45.9157, 17.6817



40.0901, 67.7555, 25.6035



42.7067, 17.7634, 24.6279



28.3114, 0.9273, 2.3553



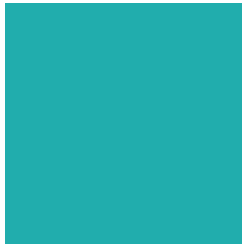
25.5476, 43.7511, 16.5082



4.2611, 7.2973, 2.7533

Previews

White Background



This preview shows how the HunterLab color 57.6434, -29.3018, -5.6579 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 57.6434, -29.3018, -5.6579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

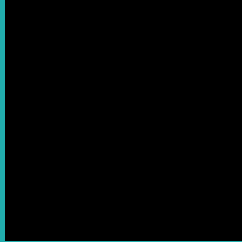
Any Text WCAG AA ✓ Pass

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 57.6434, -29.3018, -5.6579 Background



This preview shows how black text looks on a background with the HunterLab color 57.6434, -29.3018, -5.6579.



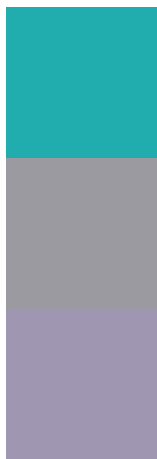
This preview shows how white text looks on a background with the HunterLab color 57.6434,

-29.3018, -5.6579.

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

57.6434, -29.3018, -5.6579

Protanopia

57.2297, -1.2825, 0.3101

Deuteranopia

57.2001, 4.1305, -8.3397



Tritanopia

57.5883, -25.2779, -12.2122

Trichromacy



Original Color

57.6434, -29.3018, -5.6579



Protanomaly

56.2013, -15.4821, -3.1937



Deuteranomaly

56.0728, -12.0344, -9.0899



Tritanomaly

57.6995, -26.8262, -9.8365

Monochromacy



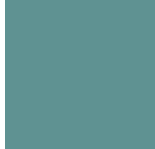
Original Color

57.6434, -29.3018, -5.6579



Achromatopsia

47.6409, -2.5420, 2.5884



Achromatomaly

50.0659, -15.6445, -1.6278

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.6434, -29.3018, -5.6579 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(33, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(33, 173, 173)  
}
```

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(33, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 173, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 57.6434, -29.3018, -5.6579 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(33, 173, 173) }
```


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

```
.border{ border-color:rgb(33, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(33, 173,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.6434, -29.3018, -5.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 173, 173) }
```

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

```
.background{ background-color: rgb(33, 173,  
173) }
```

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