

Converting Colors

HunterLab(58.9341, -32.5608,
5.0225)

Have a look what the booklet for
HunterLab(58.9341, -32.5608,
5.0225) contains.

HunterLab(58.8871, -32.4255, 4.9373)	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(58.8871,
-32.4255, 4.9373)**

Conversions

Conversions Part 1

Format	Color
Hex	3AB19A
RGB	58, 177, 154
RGB Percent	23%, 69%, 60%
CMY	0.7725, 0.3059, 0.3961
CMYK	0.67, 0.00, 0.13, 0.31
HSL	168°, 51%, 46%
HSV	168°, 67%, 69%
XYZ	23.2998, 34.6769, 36.0371
YIQ	138.7970, -63.5410, -32.3810

Conversions

Conversions Part 2

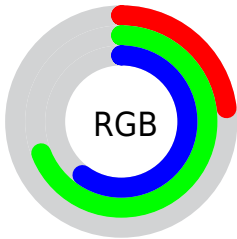
Format	Color
RYB	58, 124, 177
Decimal	3846554
CIELab	65.50, -38.35, 2.17
CIElCh	65, 38.413, 176.765
Yxy	34.6783, 0.2478, 0.3689
Android (android.graphics.Color)	4282036634 (0xFF3AB19A)
YUV	138.7970, 7.4951, -70.8590
Hunter-Lab	58.8871, -32.4255, 4.9373

Details

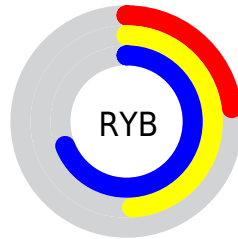
The HunterLab color **58.8871, -32.4255, 4.9373** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **36.0115, 41.7204, 10.1016**, and the grayscale version is **50.7214, -2.7064, 2.7558**.

A 20% lighter version of the original color is **81.7465, -37.6555, 6.4312**, and **39.2359, -24.7346, 4.3534** is the 20% darker color. If you saturate the color by 10%, you get **58.4152, -34.5075, 5.8557**, and if you desaturate by 10%, it is **59.5136, -29.7603, 4.1837**.

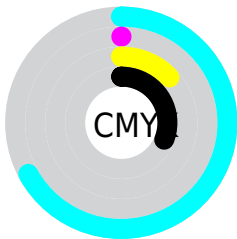
Distribution



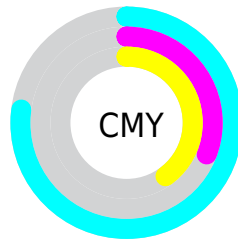
- Red (23%)
- Green (69%)
- Blue (60%)



- Red (23%)
- Yellow (49%)
- Blue (69%)



- Cyan (67%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (77%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.8871, -32.4255, 4.9373 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 58.8871, -32.4255, 4.9373 by changing the saturation by 10% instead.

■ 58.8871, -32.4255,
4.9373

■ 58.8871, -32.4255,
4.9373

179.7626,
-54.6504, 12.3187

■ 48.3892, -29.5784,
4.2532

■ 81.8456, -37.7820,
6.3945

■ 38.6010, -26.5731,
3.5986

■ 94.2345, -40.3351,
7.1644

■ 29.5795, -23.3566,
2.9749

■ 107.1923,
-42.8253, 7.9610

■ 21.3966, -19.8444,
2.3826

■ 120.6949,
-45.2637, 8.7835

■ 14.1490, -15.9997,
1.8210

■ 134.7211,
-47.6590, 9.6312

■ 7.8013, -13.6522,
1.5765

149.2522,

0.0000, NaN, NaN

-50.0183, 10.5034

0.0000, NaN, NaN

164.2712,
-52.3471, 11.3994

0.0000, NaN, NaN

■ 58.8871, -32.4255,
4.9373

■ 58.8871, -32.4255,
4.9373

■ 58.4152, -34.5075,
5.8557

■ 59.5136, -29.7603,
4.1837

■ 58.0814, -36.0404,
6.9137

■ 60.3005, -26.4970,
3.6107

■ 57.8642, -37.1043,
8.0781

■ 61.2550, -22.6409,
3.2316

■ 57.8119, -37.3667,
8.4041

■ 62.3802, -18.2121,
3.0542

■ 63.6768, -13.2431,
3.0814

■ 65.1434, -7.7751,
3.3119

■ 66.7769, -1.8553,
3.7410

■ 68.5728, 4.4666,
4.3609

■ 70.5255, 11.1405,
5.1617

Harmonies

Analogous

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



58.8882, -28.1286, 17.8611



58.8871, -32.4255, 4.9373



58.8882, -29.6450, -12.6345

Triad

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



58.8882, -32.4259, 4.9380



58.8882, 12.3532, -31.9803



58.8882, 15.9163, 23.7753

Complementary

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



58.8871, -32.4255, 4.9373



36.0115, 41.7204, 10.1016

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.



58.8882, 29.0689, 15.5884



58.8871, -32.4255, 4.9373



58.8882, 26.8529, -16.5709

Square

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



58.8882, -32.4259, 4.9380



58.8882, -4.9836, -37.1925



58.8882, 33.2805, 1.4186



58.8882, -1.2842, 26.6108

Rectangle

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



58.8871, -32.4255, 4.9373



58.8882, -23.9566, -24.3339



58.8882, 33.2805, 1.4186



58.8882, 21.0294, 21.6966

Sweetspot

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



58.8882, -32.4259, 4.9380



84.6507, -19.8666, 4.0829



57.9103, -39.8523, 30.8873



39.1845, -10.1012, 1.8943



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.



58.8882, -32.4259, 4.9380



77.9218, -47.3243, 8.5450



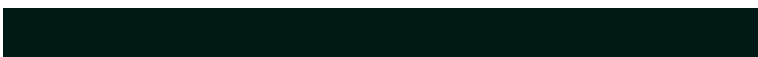
48.1805, -12.9941, -21.7268



30.9884, -4.2839, 1.5522



49.2171, -31.7530, 7.0286



8.7715, -5.3822, 0.6550

Inverse Universe

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



36.0115, 41.7204, 10.1016



43.6862, 65.6991, 17.8904



41.9595, 23.8728, 20.6158



29.2083, 1.2059, 1.7948



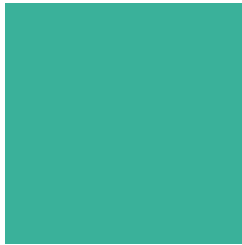
26.1990, 45.2161, 14.2197



4.7317, 8.3314, 1.2879

Previews

White Background



This preview shows how the HunterLab color 58.8871, -32.4255, 4.9373 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 58.8871, -32.4255, 4.9373 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

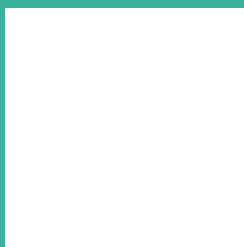
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 58.8871, -32.4255, 4.9373 Background



This preview shows how black text looks on a background with the HunterLab color 58.8871, -32.4255, 4.9373.



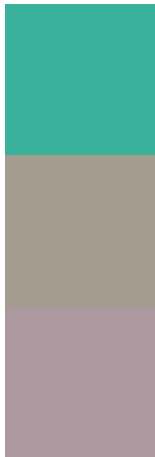
This preview shows how white text looks on a background with the HunterLab color 58.8871, -32.4255, 4.9373.

-32.4255, 4.9373.

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

58.8871, -32.4255, 4.9373

Protanopia

58.3006, -3.0569, 9.4435

Deuteranopia

58.3578, 3.8966, 2.7032



Tritanopia

58.7083, -22.5838, -11.1342

Trichromacy



Original Color

58.8871, -32.4255, 4.9373



Protanomaly

57.4608, -16.6839, 6.6325



Deuteranomaly

57.5328, -12.6742, 2.3571



Tritanomaly

58.7852, -26.4766, -4.6286

Monochromacy



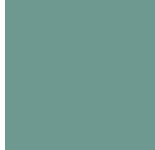
Original Color

58.8871, -32.4255, 4.9373



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

53.0199, -15.8374, 2.8874

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.8871, -32.4255, 4.9373 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(58, 177, 154)` looks like.

```
.text, #text, p{  
    color:rgb(58, 177, 154)  
}
```

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(58, 177, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 177, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 58.8871, -32.4255, 4.9373 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(58, 177, 154) }
```


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

```
.border{ border-color:rgb(58, 177, 154) }
```

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

Here you see how a box with a 4 pixel rgb(58, 177, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 177, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 177, 154);  
box-shadow:4px 4px 4px 4px rgb(58, 177,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.8871, -32.4255, 4.9373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 177, 154) }
```

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

```
.background{ background-color: rgb(58, 177,  
154) }
```

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