

Converting Colors

HunterLab(51.7668, -23.8574,
-6.1108)

Have a look what the booklet for
HunterLab(51.7668, -23.8574,
-6.1108) contains.

HunterLab(51.8971, -24.0486, -5.9157)	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(51.8971,
-24.0486, -5.9157)**

Conversions

Conversions Part 1

Format	Color
Hex	319C9F
RGB	49, 156, 159
RGB Percent	19%, 61%, 62%
CMY	0.8078, 0.3882, 0.3765
CMYK	0.69, 0.02, 0.00, 0.38
HSL	182°, 53%, 41%
HSV	182°, 69%, 62%
XYZ	19.4131, 26.9331, 36.9763
YIQ	124.3490, -64.7350, -21.7510

Conversions

Conversions Part 2

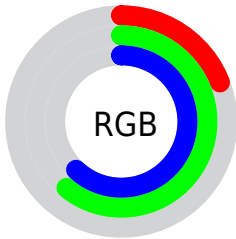
Format	Color
R_{YB}	49, 103, 159
Decimal	3251359
CIE _{Lab}	58.91, -28.44, -10.38
CIE _{LCh}	59, 30.274, 200.042
Yxy	26.9341, 0.2330, 0.3232
Android (android.graphics.Color)	4281441439 (0xFF319C9F)
YUV	124.3490, 17.0829, -66.0811
Hunter-Lab	51.8971, -24.0486, -5.9157

Details

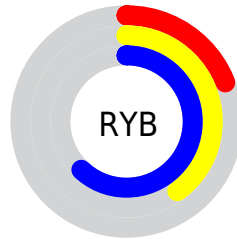
The HunterLab color **51.8971, -24.0486, -5.9157** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31.7007, 35.0729, 14.7118**, and the grayscale version is **44.9862, -2.4004, 2.4442**.

A 20% lighter version of the original color is **74.0426, -28.3524, -5.8144**, and **33.1411, -16.7554, -5.2533** is the 20% darker color. If you saturate the color by 10%, you get **51.4401, -25.1129, -6.5494**, and if you desaturate by 10%, it is **52.4856, -22.4923, -5.1062**.

Distribution



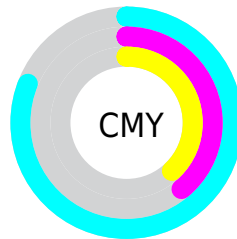
- Red (19%)
- Green (61%)
- Blue (62%)



- Red (19%)
- Yellow (40%)
- Blue (62%)



- Cyan (69%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (81%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8971, -24.0486, -5.9157 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 51.8971, -24.0486, -5.9157 by changing the saturation by 10% instead.

■ 51.8971, -24.0486,
-5.9157

■ 51.8971, -24.0486,
-5.9157

169.5104,
-42.2108, -3.1950

■ 41.8614, -21.7665,
-5.9554

■ 74.0122, -28.3628,
-5.6478

■ 32.5709, -19.3615,
-5.9250

■ 86.0119, -30.4318,
-5.4315

■ 24.0921, -16.7845,
-5.8153

■ 98.5981, -32.4588,
-5.1657

■ 16.5120, -13.9524,
-5.6178

■ 111.7444,
-34.4524, -4.8536

■ 9.9531, -13.0493,
-5.3296

■ 125.4282,
-36.4196, -4.4982

0.0000, NaN, -NF

139.6289,

0.0000, NaN, NaN

-38.3656, -4.1019

0.0000, NaN, NaN

154.3285,
-40.2948, -3.6669

0.0000, NaN, NaN

■ 51.8971, -24.0486,
-5.9157

■ 51.8971, -24.0486,
-5.9157

■ 51.4401, -25.1129,
-6.5494

■ 52.4856, -22.4923,
-5.1062

■ 51.1000, -25.7209,
-7.0212

■ 53.2107, -20.4255,
-4.1183

■ 50.8481, -25.9846,
-7.3697

■ 54.0787, -17.8460,
-2.9516

■ 50.8281, -26.0032,
-7.3973

■ 55.0925, -14.7647,
-1.6113

■ 56.2526, -11.2030,
-0.1060

■ 57.5581, -7.1907,
1.5528

■ 59.0063, -2.7632,
3.3520

■ 60.5936, 2.0409,
5.2776

■ 62.3153, 7.1817,
7.3152

Harmonies

Analogous

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



51.8981, -24.9814, 6.7359



51.8971, -24.0486, -5.9157



51.8981, -17.7385, -18.6722

Triad

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



51.8981, -24.0487, -5.9150



51.8981, 17.6084, -14.6969



51.8981, 1.5804, 21.0843

Complementary

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



51.8971, -24.0486, -5.9157



31.7007, 35.0729, 14.7118

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.



51.8981, 14.1100, 17.8332



51.8971, -24.0486, -5.9157



51.8981, 23.9425, -1.4162

Square

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



51.8981, -24.0487, -5.9150



51.8981, 5.9913, -24.5384



51.8981, 22.6033, 10.2677



51.8981, -10.9897, 20.4414

Rectangle

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



51.8971, -24.0486, -5.9157



51.8981, -10.9575, -24.5561



51.8981, 22.6033, 10.2677



51.8981, 5.9546, 20.4486

Sweetspot

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



51.8981, -24.0487, -5.9150



74.9177, -16.1047, -0.6076



50.6827, -38.4748, 26.9146



35.3777, -8.2440, -0.5400



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.8981, -24.0487, -5.9150



68.5750, -34.1180, -9.1313



35.6269, -0.7546, -32.6479



27.3467, -3.4298, 0.7326



45.1834, -23.1234, -6.5586



6.1131, -3.1775, -0.7815

Inverse Universe

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



34.5957, 49.8618, -31.7143



43.2063, 76.6578, -48.6067



42.2698, 10.4433, 22.1525



25.9836, 1.9048, -0.7627



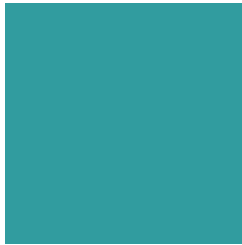
27.7185, 54.1838, -34.1427



3.7182, 7.2862, -4.7182

Previews

White Background



This preview shows how the HunterLab color 51.8971, -24.0486, -5.9157 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8971, -24.0486, -5.9157 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

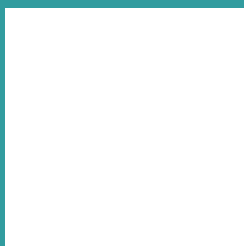
Any Text WCAG AAA × Fail

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

HunterLab 51.8971, -24.0486, -5.9157 Background



This preview shows how black text looks on a background with the HunterLab color 51.8971, -24.0486, -5.9157.



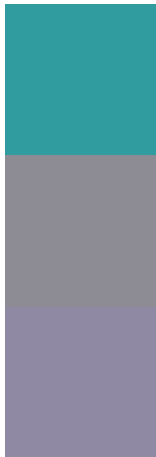
This preview shows how white text looks on a background with the HunterLab color 51.8971,

-24.0486, -5.9157.

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

51.8971, -24.0486, -5.9157

Protanopia

51.5643, -0.9695, -0.9371

Deuteranopia

51.4441, 3.8587, -8.1678



Tritanopia

51.9779, -21.5305, -10.0507

Trichromacy



Original Color

51.8971, -24.0486, -5.9157

Protanomaly

51.0351, -11.6194, -3.7675

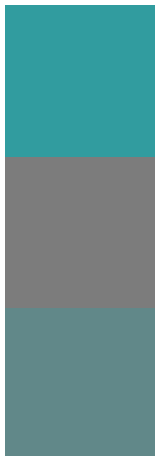
Deuteranomaly

50.8000, -8.7804, -8.7462

Tritanomaly

51.8200, -22.3494, -8.6450

Monochromacy



Original Color

51.8971, -24.0486, -5.9157

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

46.8571, -12.4800, -1.2920

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8971, -24.0486, -5.9157 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(49, 156, 159)` looks like.

```
.text, #text, p{  
    color:rgb(49, 156, 159)  
}
```

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(49, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 156, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8971, -24.0486, -5.9157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

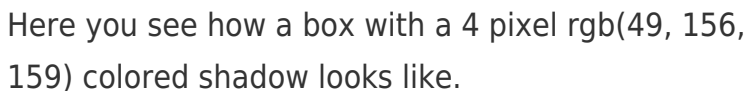
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(49, 156, 159) }
```


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

```
.border{ border-color:rgb(49, 156, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(49, 156, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 156, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 156, 159);  
box-shadow:4px 4px 4px 4px rgb(49, 156,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8971, -24.0486, -5.9157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 156, 159) }
```

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

```
.background{ background-color: rgb(49, 156,  
159) }
```

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](#).

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