

Converting Colors

HunterLab(53.4985, -18.2665,
-15.0622)

Have a look what the booklet for
HunterLab(53.4985, -18.2665,
-15.0622) contains.

HunterLab(53.4813, -18.1291, -15.2323)	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(53.4813,
-18.1291, -15.2323)**

Conversions

Conversions Part 1

Format	Color
Hex	439DB4
RGB	67, 157, 180
RGB Percent	26%, 62%, 71%
CMY	0.7372, 0.3843, 0.2941
CMYK	0.63, 0.13, 0.00, 0.29
HSL	192°, 46%, 48%
HSV	192°, 63%, 71%
XYZ	22.6099, 28.6025, 47.5092
YIQ	132.7120, -61.0230, -11.9270

Conversions

Conversions Part 2

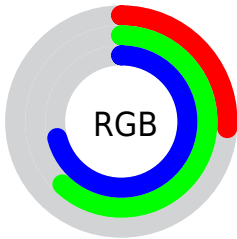
Format	Color
R_{YB}	67, 117, 180
Decimal	4431284
CIE _{Lab}	60.43, -19.63, -19.92
CIE _{LCh}	60, 27.966, 225.419
Yxy	28.6036, 0.2290, 0.2897
Android (android.graphics.Color)	4282621364 (0xFF439DB4)
YUV	132.7120, 23.3130, -57.6294
Hunter-Lab	53.4813, -18.1291, -15.2323




Details

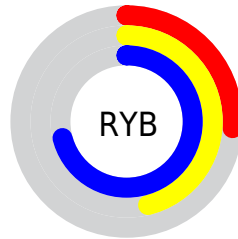
The HunterLab color **53.4813, -18.1291, -15.2323** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **41.7395, 27.4220, 18.6554**, and the grayscale version is **48.2460, -2.5743, 2.6213**.




A 20% lighter version of the original color is **75.8806, -21.5519, -15.6262**, and **34.1108, -13.2130, -14.1124** is the 20% darker color. If you saturate the color by 10%, you get **51.8092, -18.4795, -17.8144**, and if you desaturate by 10%, it is **55.3173, -17.1935, -12.4963**.

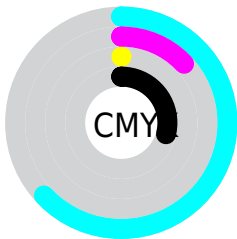
Distribution







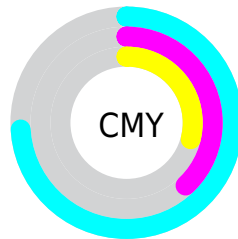
-  Red (26%)
-  Green (62%)
-  Blue (71%)






-  Red (26%)
-  Yellow (46%)
-  Blue (71%)



-  Cyan (63%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (74%)
-  Magenta (38%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.4813, -18.1291, -15.2323 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 53.4813, -18.1291, -15.2323 by changing the saturation by 10% instead.

■ 53.4813, -18.1291,
-15.2323

■ 53.4813, -18.1291,
-15.2323

171.8545,
-32.4648, -15.3902

■ 43.3372, -16.4233,
-14.9233

■ 75.7935, -21.4202,
-15.6518

■ 33.9297, -14.6548,
-14.5485

■ 87.8840, -23.0269,
-15.7700

■ 25.3229, -12.7951,
-14.1129

■ 100.5567,
-24.6173, -15.8315

■ 17.5997, -10.7966,
-13.6416

■ 113.7860,
-26.1963, -15.8394

■ 10.8758, -8.8849,
-13.2259

■ 127.5494,
-27.7678, -15.7967

■ 2.1822, -3.8188,
-40.0028

141.8269,

0.0000, NaN, -NF

-29.3349, -15.7060

0.0000, NaN, NaN

156.6007,
-30.8999, -15.5698

0.0000, NaN, NaN

■ 53.4813, -18.1291,
-15.2323

■ 53.4813, -18.1291,
-15.2323

■ 51.8092, -18.4795,
-17.8144

■ 55.3173, -17.1935,
-12.4963

■ 50.2949, -18.2482,
-20.2312

■ 57.3135, -15.6880,
-9.6280

■ 48.9307, -17.4657,
-22.4773

■ 59.4673, -13.6406,
-6.6472

■ 48.0102, -16.6649,
-24.0338

■ 61.7734, -11.0877,
-3.5742

■ 64.2254, -8.0697,
-0.4282

■ 66.8162, -4.6288,
2.7741

■ 69.5382, -0.8064,
6.0182

■ 72.3841, 3.3580,
9.2922

■ 75.3464, 7.8277,
12.5864

Harmonies

Analogous

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



53.4823, -23.3595, -3.2691



53.4813, -18.1291, -15.2323



53.4823, -8.5506, -23.0312

Triad

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



53.4823, -18.1292, -15.2314



53.4823, 21.3947, -2.9237



53.4823, -8.8627, 20.0623

Complementary

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



53.4813, -18.1291, -15.2323



41.7395, 27.4220, 18.6554

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.



53.4823, 3.0861, 20.1148



53.4813, -18.1291, -15.2323



53.4823, 21.2923, 8.4320

Square

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



53.4823, -18.1292, -15.2314



53.4823, 14.6174, -14.9309



53.4823, 14.3490, 16.3205



53.4823, -18.3402, 16.1564

Rectangle

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



53.4813, -18.1291, -15.2323



53.4823, -0.6568, -23.9215



53.4823, 14.3490, 16.3205



53.4823, -5.0213, 20.4970

Sweetspot

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



53.4823, -18.1292, -15.2314



84.2981, -13.5962, -3.3615



58.7945, -40.7577, 25.8496



38.7652, -6.8303, -2.1146



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.



53.4823, -18.1292, -15.2314



69.0242, -24.8623, -25.1559



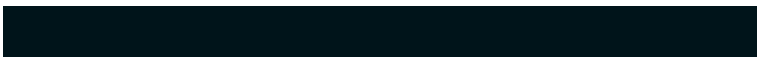
37.1183, 8.1289, -45.9590



30.5482, -3.2493, 0.3162



40.2298, -14.0876, -19.8727



7.6399, -3.1697, -2.7067

Inverse Universe

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



40.1906, 49.2101, -21.4318



49.7995, 77.5859, -32.1318



55.4059, 0.1109, 28.4593



29.3539, 1.9878, -0.2781



28.5901, 53.8638, -19.5283



5.1449, 9.8141, -4.4524

Previews

White Background



This preview shows how the HunterLab color 53.4813, -18.1291, -15.2323 looks on a white background.

Color Contrast Check

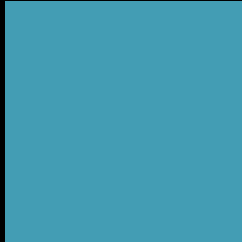
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.4813, -18.1291, -15.2323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

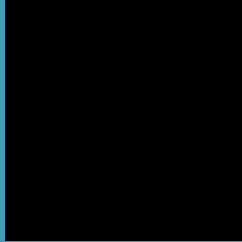
Any Text WCAG AA ✓ Pass

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 53.4813, -18.1291, -15.2323 Background



This preview shows how black text looks on a background with the HunterLab color 53.4813, -18.1291, -15.2323.



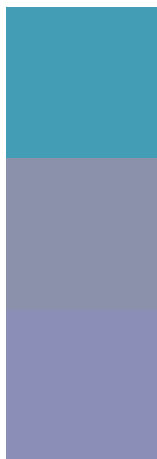
This preview shows how white text looks on a background with the HunterLab color 53.4813, -18.1291, -15.2323.

-18.1291, -15.2323.

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

53.4813, -18.1291, -15.2323

Protanopia

53.2689, 0.5095, -10.0500

Deuteranopia

53.1544, 3.9218, -17.1489



Tritanopia

53.3392, -20.9674, -10.3261

Trichromacy



Original Color

53.4813, -18.1291, -15.2323

Protanomaly

52.9732, -7.7969, -12.3142

Deuteranomaly

52.6835, -5.1637, -17.4327

Tritanomaly

53.4787, -20.2194, -11.7965

Monochromacy



Original Color

53.4813, -18.1291, -15.2323

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

49.7988, -10.1377, -3.8452

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.4813, -18.1291, -15.2323 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(67, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(67, 157, 180)  
}
```

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(67, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 157, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 53.4813, -18.1291, -15.2323 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(67, 157, 180) }
```


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

```
.border{ border-color:rgb(67, 157, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 157, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(67, 157,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.4813, -18.1291, -15.2323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 157, 180) }
```

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

```
.background{ background-color: rgb(67, 157,  
180) }
```

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