

Converting Colors

HunterLab(58.2599, -19.5599,
4.8167)

Have a look what the booklet for
HunterLab(58.2599, -19.5599,
4.8167) contains.

HunterLab(58.3251, -19.5754, 4.9614)	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(58.3251,
-19.5754, 4.9614)**

Conversions

Conversions Part 1

Format	Color
Hex	74A899
RGB	116, 168, 153
RGB Percent	45%, 66%, 60%
CMY	0.5451, 0.3412, 0.4000
CMYK	0.31, 0.00, 0.09, 0.34
HSL	163°, 23%, 56%
HSV	163°, 31%, 66%
XYZ	26.9549, 34.0182, 35.2825
YIQ	150.7420, -26.1770, -15.6890

Conversions

Conversions Part 2

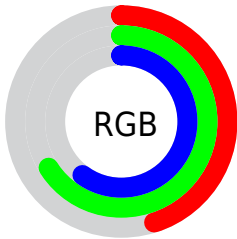
Format	Color
RYB	116, 146, 168
Decimal	7645337
CIELab	64.98, -20.54, 2.25
CIELCh	65, 20.661, 173.762
Yxy	34.0196, 0.2800, 0.3534
Android (android.graphics.Color)	4285835417 (0xFF74A899)
YUV	150.7420, 1.1132, -30.4687
Hunter-Lab	58.3251, -19.5754, 4.9614

Details

The HunterLab color $58.3251, -19.5754, 4.9614$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $47.3869, 16.8637, 2.6266$, and the grayscale version is $55.5299, -2.9629, 3.0170$.

A 20% lighter version of the original color is $81.0650, -22.9320, 6.3755$, and $38.1758, -16.1991, 3.7174$ is the 20% darker color. If you saturate the color by 10%, you get $57.2831, -23.8123, 5.8157$, and if you desaturate by 10%, it is $59.5318, -14.8182, 4.2757$.

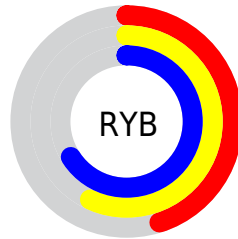
Distribution



Red (45%)

Green (66%)

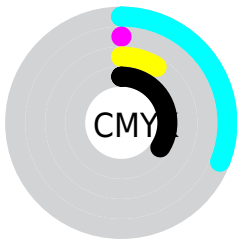
Blue (60%)



Red (45%)

Yellow (57%)

Blue (66%)

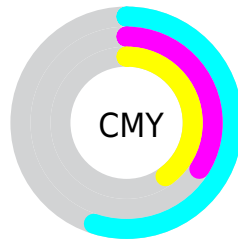


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (34%)



Cyan (55%)

Magenta (34%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3251, -19.5754, 4.9614 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 58.3251, -19.5754, 4.9614 by changing the saturation by 10% instead.

■ 58.3251, -19.5754,
4.9614

■ 58.3251, -19.5754,
4.9614

178.9467,
-34.2402, 12.3598

■ 47.8630, -17.8376,
4.2748

■ 81.2183, -22.9389,
6.4232

■ 38.1131, -16.0407,
3.6174

■ 93.5770, -24.5827,
7.1952

■ 29.1332, -14.1610,
2.9905

■ 106.5058,
-26.2102, 7.9937

■ 20.9962, -12.1591,
2.3944

119.9806,
-27.8264, 8.8180

■ 13.8005, -9.9649,
1.8281

133.9802,
-29.4348, 9.6674

■ 7.4237, -12.4523,
1.6576

148.4855,

0.0000, NaN, NaN

-31.0384, 10.5413

0.0000, NaN, NaN

163.4795,
-32.6395, 11.4389

0.0000, NaN, NaN

■ 58.3251, -19.5754,
4.9614

■ 58.3251, -19.5754,
4.9614

■ 57.2831, -23.8123,
5.8157

■ 59.5318, -14.8182,
4.2757

■ 56.4011, -27.4959,
6.8265

■ 60.8985, -9.5779,
3.7620

■ 55.6770, -30.6087,
7.9802

■ 62.4237, -3.9008,
3.4231

■ 55.1044, -33.1482,
9.2589

■ 64.1032, 2.1646,
3.2577

■ 54.6739, -35.1304,
10.6402

■ 65.9318, 8.5693,
3.2615

■ 54.3718, -36.5941,
12.0981

■ 67.9036, 15.2660,
3.4283

■ 54.1768, -37.5949,
13.4403

■ 70.0120, 22.2104,
3.7500

■ 72.2503, 29.3621,
4.2177

■ 72.9934, 31.8941,
2.8141

Harmonies

Analogous

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



58.3263, -16.6230, 12.2174



58.3251, -19.5754, 4.9614



58.3263, -18.3427, -3.9705

Triad

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



58.3263, -19.5762, 4.9622



58.3263, 4.1357, -14.2902



58.3263, 7.6404, 15.1126

Complementary

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



58.3251, -19.5754, 4.9614



47.3869, 16.8637, 2.6266

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.



58.3263, 13.8548, 9.5169



58.3251, -19.5754, 4.9614



58.3263, 11.7459, -7.5966

Square

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



58.3263, -19.5762, 4.9622



58.3263, -5.0124, -16.0071



58.3263, 15.4015, 1.3291



58.3263, -1.1935, 17.4677

Rectangle

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



58.3251, -19.5754, 4.9614



58.3263, -15.2718, -9.6112



58.3263, 15.4015, 1.3291



58.3263, 10.1264, 13.5940

Sweetspot

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



58.3263, -19.5762, 4.9622



82.3856, -11.5764, 4.9688



58.4303, -20.9635, 18.8708



38.3334, -5.8905, 2.3556



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



58.3263, -19.5762, 4.9622



77.5997, -30.2889, 7.4337



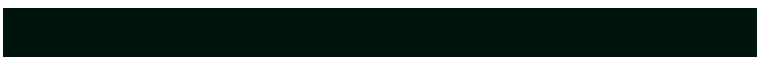
55.5508, -12.2865, -5.5261



29.1455, -4.1287, 1.7606



47.0884, -32.6095, 11.5383



7.4004, -4.7481, 0.9998

Inverse Universe

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



47.3869, 16.8637, 2.6266



59.9354, 28.8293, 3.8213



49.6094, 9.6632, 10.9904



27.5256, 1.2242, 1.3912



25.4137, 44.1985, 11.1757



4.0725, 7.2909, 0.1766

Previews

White Background



This preview shows how the HunterLab color 58.3251, -19.5754, 4.9614 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 58.3251, -19.5754, 4.9614 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

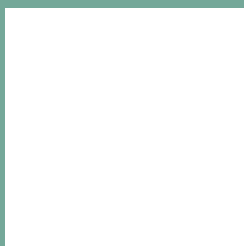
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.3251, -19.5754, 4.9614 Background



This preview shows how black text looks on a background with the HunterLab color 58.3251, -19.5754, 4.9614.



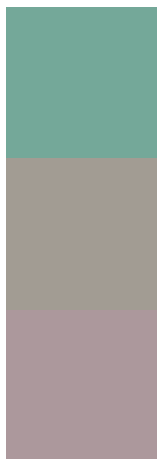
This preview shows how white text looks on a background with the HunterLab color 58.3251, -19.5754, 4.9614.

-19.5754, 4.9614.

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

58.3251, -19.5754, 4.9614

Protanopia

57.9352, -2.6236, 7.4042

Deuteranopia

57.9892, 3.9221, 3.6433



Tritanopia

58.1638, -12.1848, -7.3081

Trichromacy



Original Color

58.3251, -19.5754, 4.9614

Protanomaly

57.7332, -9.2910, 6.2118

Deuteranomaly

57.8755, -5.3873, 3.8000

Tritanomaly

58.0489, -14.7961, -2.8282

Monochromacy



Original Color

58.3251, -19.5754, 4.9614

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

56.3775, -9.3569, 3.3353

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3251, -19.5754, 4.9614 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(116, 168, 153)` looks like.

```
.text, #text, p{  
    color:rgb(116, 168, 153)  
}
```

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(116, 168, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 168, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3251, -19.5754, 4.9614 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(116, 168, 153) }
```


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

```
.border{ border-color:rgb(116, 168, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 168, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 168, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 168, 153);  
box-shadow:4px 4px 4px 4px rgb(116, 168,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3251, -19.5754, 4.9614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 168, 153) }
```

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

```
.background{ background-color: rgb(116,  
168, 153) }
```

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