

Converting Colors

HunterLab(58.5546, -19.4406,
-19.2392)

Have a look what the booklet for
HunterLab(58.5546, -19.4406,
-19.2392) contains.

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Color

**HunterLab(58.4279,
-19.3416, -19.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	45AAC7
RGB	69, 170, 199
RGB Percent	27%, 67%, 78%
CMY	0.7294, 0.3333, 0.2196
CMYK	0.65, 0.15, 0.00, 0.22
HSL	193°, 54%, 53%
HSV	193°, 65%, 78%
XYZ	27.1378, 34.1382, 59.1919
YIQ	143.1070, -69.5050, -12.3930

Conversions

Conversions Part 2

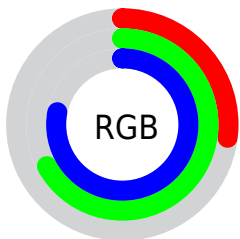
Format	Color
R_{YB}	69, 126, 199
Decimal	4565703
CIE _{Lab}	65.07, -20.21, -23.45
CIE _{LCh}	65, 30.954, 229.247
Yxy	34.1394, 0.2253, 0.2834
Android (android.graphics.Color)	4282755783 (0xFF45AAC7)
YUV	143.1070, 27.5552, -64.9918
Hunter-Lab	58.4279, -19.3416, -19.1657

Details

The HunterLab color **58.4279, -19.3416, -19.1657** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **46.1612, 31.3427, 21.7599**, and the grayscale version is **52.3672, -2.7942, 2.8452**.

A 20% lighter version of the original color is **81.1762, -22.5793, -19.4751**, and **38.7314, -14.3689, -17.3926** is the 20% darker color. If you saturate the color by 10%, you get **56.4740, -19.3756, -22.2680**, and if you desaturate by 10%, it is **60.5689, -18.6406, -15.8966**.

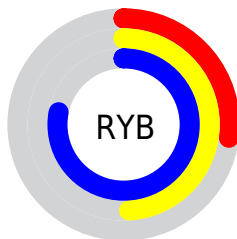
Distribution



Red (27%)

Green (67%)

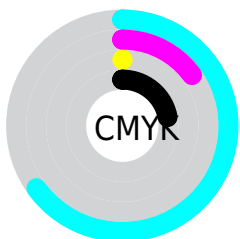
Blue (78%)



Red (27%)

Yellow (49%)

Blue (78%)

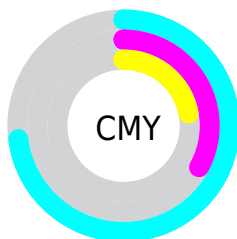


Cyan (65%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (73%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.4279, -19.3416, -19.1657 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 58.4279, -19.3416, -19.1657 by changing the saturation by 10% instead.

■ 58.4279, -19.3416,
-19.1657

■ 58.4279, -19.3416,
-19.1657

179.0959,
-33.8667, -20.0763

■ 47.9591, -17.6235,
-18.7809

■ 81.3329, -22.6676,
-19.7479

■ 38.2022, -15.8491,
-18.3375

■ 93.6971, -24.2946,
-19.9504

■ 29.2147, -13.9945,
-17.8446

■ 106.6313,
-25.9063, -20.0968

■ 21.0693, -12.0211,
-17.3322

■ 120.1112,
-27.5074, -20.1897

■ 13.8640, -9.8610,
-16.8914

■ 134.1156,
-29.1014, -20.2317

■ 7.4942, -12.1493,
-17.7594

148.6256,

0.0000, NaN, -NF

-30.6911, -20.2254

0.0000, NaN, NaN

163.6242,
-32.2790, -20.1729

0.0000, NaN, NaN

■ 58.4279, -19.3416,
-19.1657

■ 58.4279, -19.3416,
-19.1657

■ 56.4740, -19.3756,
-22.2680

■ 60.5689, -18.6406,
-15.8966

■ 54.7000, -18.7512,
-25.1899

■ 62.8929, -17.2881,
-12.4865

■ 53.0952, -17.5125,
-27.9273

■ 65.3966, -15.3153,
-8.9590

■ 52.3795, -16.8107,
-29.1804

■ 68.0736, -12.7637,
-5.3384

■ 70.9161, -9.6799,
-1.6465

■ 73.9156, -6.1123,
2.0975

■ 77.0633, -2.1085,
5.8775

■ 80.3504, 2.2863,
9.6806

■ 83.7683, 7.0301,
13.4966

Harmonies

Analogous

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



58.4290, -25.9687, -5.6977



58.4279, -19.3416, -19.1657



58.4290, -7.9546, -27.1824

Triad

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



58.4290, -19.3416, -19.1647



58.4290, 25.0763, -1.6905



58.4290, -11.5533, 22.2369

Complementary

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



58.4279, -19.3416, -19.1657



46.1612, 31.3427, 21.7599

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.



58.4290, 1.8755, 22.8315



58.4279, -19.3416, -19.1657



58.4290, 23.8867, 10.8526

Square

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



58.4290, -19.3416, -19.1647



58.4290, 18.2033, -15.6563



58.4290, 15.0887, 19.1568



58.4290, -21.7668, 17.2878

Rectangle

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



58.4279, -19.3416, -19.1657



58.4290, 1.1729, -27.3520



58.4290, 15.0887, 19.1568



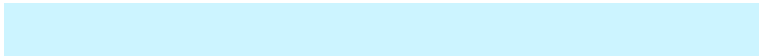
58.4290, -7.2939, 22.9014

Sweetspot

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



58.4290, -19.3416, -19.1647



91.9414, -14.9209, -4.6169



65.5585, -46.5380, 29.3159



42.0439, -7.4294, -2.7792

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.4290, -19.3416, -19.1647



73.8028, -25.4234, -30.9720



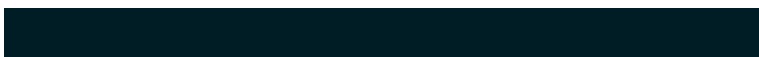
39.5777, 11.4752, -56.3571



34.1330, -3.5765, 0.2690



42.1628, -13.7038, -23.1174



9.7139, -3.7155, -4.1207

Inverse Universe

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



43.9338, 56.9405, -23.2559



53.6495, 87.0125, -33.2570



62.0262, -0.4029, 32.8302



32.8246, 2.2548, -0.2641



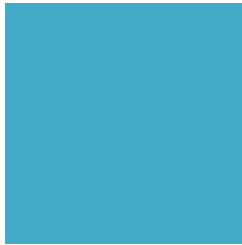
30.5526, 57.3198, -18.9981



6.7251, 12.7449, -5.1731

Previews

White Background



This preview shows how the HunterLab color 58.4279, -19.3416, -19.1657 looks on a white background.

Color Contrast Check

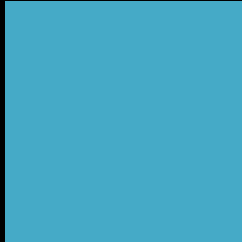
Large Text (above 18pt) WCAG AA × Fail

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 58.4279, -19.3416, -19.1657 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

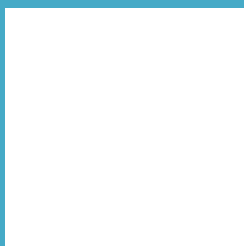
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.4279, -19.3416, -19.1657 Background



This preview shows how black text looks on a background with the HunterLab color 58.4279, -19.3416, -19.1657.



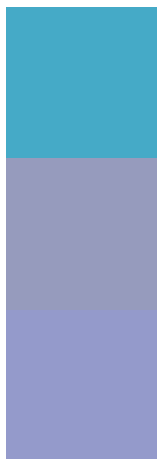
This preview shows how white text looks on a background with the HunterLab color 58.4279, -19.3416, -19.1657.

-19.3416, -19.1657.

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

58.4279, -19.3416, -19.1657

Protanopia

57.9662, 1.6700, -13.4958

Deuteranopia

58.0680, 4.5805, -21.8275



Tritanopia

58.3732, -23.8644, -11.6324

Trichromacy



Original Color

58.4279, -19.3416, -19.1657

Protanomaly

57.4951, -7.2246, -16.7254

Deuteranomaly

57.7303, -5.6741, -21.9130

Tritanomaly

58.3191, -22.0297, -14.5604

Monochromacy



Original Color

58.4279, -19.3416, -19.1657

Achromatopsia

52.4097, -2.7964, 2.8475

Achromatomaly

53.9813, -11.1234, -4.9897

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.4279, -19.3416, -19.1657 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(69, 170, 199)` looks like.

```
.text, #text, p{  
    color:rgb(69, 170, 199)  
}
```

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(69, 170, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 170, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 58.4279, -19.3416, -19.1657 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(69, 170, 199) }
```


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

```
.border{ border-color:rgb(69, 170, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 170, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 170, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 170, 199);  
box-shadow:4px 4px 4px 4px rgb(69, 170,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.4279, -19.3416, -19.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 170, 199) }
```

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

```
.background{ background-color: rgb(69, 170,  
199) }
```

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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