

Converting Colors

HunterLab(18.4815, 34.3058,
-77.7588)

Have a look what the booklet for
HunterLab(18.4815, 34.3058,
-77.7588) contains.

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Color

**HunterLab(18.5590, 34.2567,
-77.4696)**

Conversions

Conversions Part 1

Format	Color
Hex	311894
RGB	49, 24, 148
RGB Percent	19%, 9%, 58%
CMY	0.8078, 0.9059, 0.4196
CMYK	0.67, 0.84, 0.00, 0.42
HSL	252°, 72%, 34%
HSV	252°, 84%, 58%
XYZ	6.9386, 3.4444, 28.3161
YIQ	45.6110, -24.9040, 43.8640

Conversions

Conversions Part 2

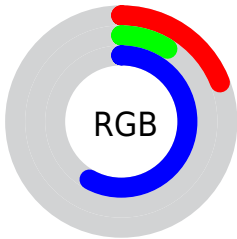
Format	Color
R_{YB}	49, 24, 148
Decimal	3217556
CIE _{Lab}	21.74, 46.29, -62.59
CIE _{LCh}	22, 77.844, 306.486
Yxy	3.4444, 0.1793, 0.0890
Android (android.graphics.Color)	4281407636 (0xFF311894)
YUV	45.6110, 50.4778, 2.9722
Hunter-Lab	18.5590, 34.2567, -77.4696

Details

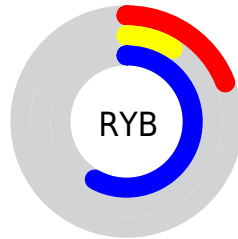
The HunterLab color **18.5590, 34.2567, -77.4696** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **50.4542, -21.3510, 29.7005**, and the grayscale version is **16.2454, -0.8668, 0.8826**.

A 20% lighter version of the original color is **35.2021, 37.7441, -72.8092**, and **9.1898, 24.9274, -65.2976** is the 20% darker color. If you saturate the color by 10%, you get **16.5368, 38.1458, -89.5934**, and if you desaturate by 10%, it is **21.3597, 29.2891, -64.0952**.

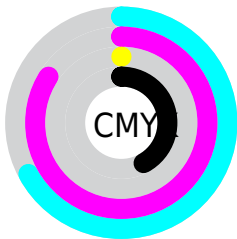
Distribution



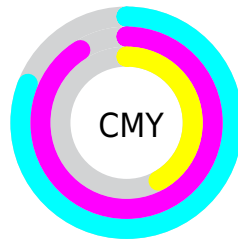
- Red (19%)
- Green (9%)
- Blue (58%)



- Red (19%)
- Yellow (9%)
- Blue (58%)



- Cyan (67%)
- Magenta (84%)
- Yellow (0%)
- Black (42%)



- Cyan (81%)
- Magenta (91%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5590, 34.2567, -77.4696 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 18.5590, 34.2567, -77.4696 by changing the saturation by 10% instead.

18.5590, 34.2567,
-77.4696

18.5590, 34.2567,
-77.4696

115.5622, 47.5472,
-77.0943

11.6958, 32.4888,
-84.6988

35.1201, 37.9341,
-73.3625

4.3920, 49.4899,
-145.5593

44.6277, 39.6339,
-73.1365

0.0000, INF, -NF

0.0000, NaN, -NF

54.8656, 41.2173,
-73.4017

0.0000, NaN, -NF

65.7851, 42.6864,
-73.9433

0.0000, NaN, NaN

77.3460, 44.0471,
-74.6415

0.0000, NaN, NaN

0.0000, NaN, NaN

89.5145, 45.3063,

-75.4258

0.0000, NaN, NaN

102.2616, 46.4708,
-76.2527

18.5590, 34.2567,
-77.4696

18.5590, 34.2567,
-77.4696

16.5368, 38.1458,
-89.5934

21.3597, 29.2891,
-64.0952

15.5302, 40.3631,
-96.6856

24.7820, 24.0930,
-51.3374

28.6817, 19.0949,
-39.9084

32.9489, 14.4231,
-29.8601

37.5052, 10.0733,
-21.0039

■ 42.2955, 5.9975,
-13.1072

■ 47.2803, 2.1410,
-5.9624

■ 52.4306, -1.5446,
0.5979

■ 57.7250, -5.0991,
6.7039

Harmonies

Analogous

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



18.5591, 4.3953, -112.6107



18.5590, 34.2567, -77.4696



18.5591, 61.3006, -25.6351

Triad

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



18.5591, 34.2583, -77.4691



18.5591, 20.7044, 12.9914



18.5591, -28.6346, -4.5325

Complementary

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



18.5590, 34.2567, -77.4696



50.4542, -21.3510, 29.7005

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.



18.5591, -27.2339, 11.5555



18.5590, 34.2567, -77.4696



18.5591, -5.8259, 12.9914

Square

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



18.5591, 34.2583, -77.4691



18.5591, 51.1237, 12.9914



18.5591, -20.9463, 12.9914



18.5591, -25.1694, -47.0558

Rectangle

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



18.5590, 34.2567, -77.4696



18.5591, 69.1011, -1.8234



18.5591, -20.9463, 12.9914



18.5591, -28.7172, 3.4573

Sweetspot

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



18.5591, 34.2583, -77.4691



55.0720, 8.8719, -19.1304



40.6791, -14.8913, -16.0296



25.3349, 5.0556, -10.7095



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



18.5591, 34.2583, -77.4691



20.4831, 53.4955, -129.5340



24.8150, 44.3476, -50.8736



23.8452, 0.2082, -1.3897



14.3873, 37.3321, -89.1006



1.8875, 4.4166, -7.9602

Inverse Universe

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



28.9465, 48.7120, -19.6877



36.6035, 68.9389, -24.8298



47.1638, -34.5034, 27.3719



24.2680, 1.5582, -0.1899



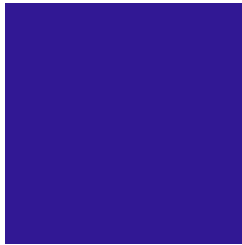
25.4990, 48.0767, -17.7003



2.8925, 5.5704, -2.9132

Previews

White Background



This preview shows how the HunterLab color 18.5590, 34.2567, -77.4696 looks on a white 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

Black Background



This preview shows how the HunterLab color 18.5590, 34.2567, -77.4696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

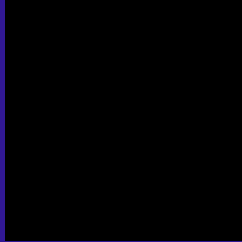
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 18.5590, 34.2567, -77.4696 Background



This preview shows how black text looks on a background with the HunterLab color 18.5590, 34.2567, -77.4696.



This preview shows how white text looks on a background with the HunterLab color 18.5590, 34.2567, -77.4696.

-77.4696.

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

18.5590, 34.2567, -77.4696

Protanopia

18.5752, 4.8806, -33.7532

Deuteranopia

18.7219, -1.3196, -20.5522



Tritanopia

18.6730, -9.1508, -3.5856

Trichromacy



Original Color

18.5590, 34.2567, -77.4696

Protanomaly

17.7328, 15.4481, -51.4564

Deuteranomaly

17.6063, 10.5007, -40.5892

Tritanomaly

17.0022, 4.3335, -26.3758

Monochromacy



Original Color

18.5590, 34.2567, -77.4696

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.1713, 9.5249, -19.8728

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5590, 34.2567, -77.4696 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, 24, 148)` looks like.

```
.text, #text, p{  
    color:rgb(49, 24, 148)  
}
```

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, 24, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 24, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5590, 34.2567, -77.4696 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, 24, 148) }
```


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

```
.border{ border-color:rgb(49, 24, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 24, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 24, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 24, 148);  
box-shadow:4px 4px 4px 4px rgb(49, 24,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.5590, 34.2567, -77.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 24, 148) }
```

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

```
.background{ background-color: rgb(49, 24,  
148) }
```

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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