

Converting Colors

HunterLab(30.9589, 49.7300,
18.6003)

Have a look what the booklet for
HunterLab(30.9589, 49.7300,
18.6003) contains.

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Color

**HunterLab(30.9850, 49.6493,
18.6045)**

Conversions

Conversions Part 1

Format	Color
Hex	AF1215
RGB	175, 18, 21
RGB Percent	69%, 7%, 8%
CMY	0.3137, 0.9293, 0.9176
CMYK	0.00, 0.90, 0.88, 0.31
HSL	359°, 81%, 38%
HSV	359°, 90%, 69%
XYZ	18.0308, 9.6007, 1.6122
YIQ	65.2850, 92.6090, 34.2170

Conversions

Conversions Part 2

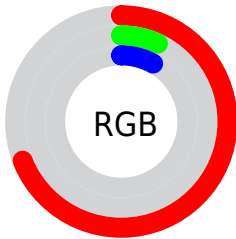
Format	Color
R_{YB}	175, 18, 21
Decimal	11473429
CIE Lab	37.12, 58.34, 42.47
CIE LCh	37, 72.163, 36.051
Yxy	9.6013, 0.6166, 0.3283
Android (android.graphics.Color)	4289663509 (0xFFAF1215)
YUV	65.2850, -21.8325, 96.2201
Hunter-Lab	30.9850, 49.6493, 18.6045

Details

The HunterLab color **30.9850, 49.6493, 18.6045** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **58.1101, -30.9562, -4.5673**, and the grayscale version is **23.1458, -1.2350, 1.2576**.

A 20% lighter version of the original color is **50.0846, 54.0206, 25.7061**, and **18.7369, 32.0875, 12.1073** is the 20% darker color. If you saturate the color by 10%, you get **30.2218, 51.6875, 19.3115**, and if you desaturate by 10%, it is **32.3849, 46.1113, 17.3795**.

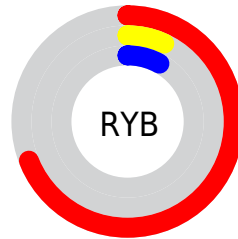
Distribution



Red (69%)

Green (7%)

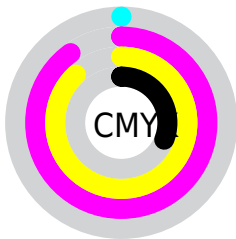
Blue (8%)



Red (69%)

Yellow (7%)

Blue (8%)

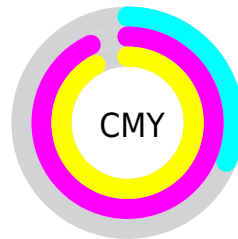


Cyan (0%)

Magenta (90%)

Yellow (88%)

Black (31%)



Cyan (31%)

Magenta (93%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9850, 49.6493, 18.6045 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 30.9850, 49.6493, 18.6045 by changing the saturation by 10% instead.

■ 30.9850, 49.6493,
18.6045

■ 30.9850, 49.6493,
18.6045

137.0410, 65.0851,
45.7276

■ 22.6615, 47.5552,
15.0792

■ 50.0428, 53.7470,
25.6097

■ 15.2543, 45.6561,
10.6780

■ 60.6525, 55.6653,
28.8152

■ 8.8764, 44.7621,
6.2135

■ 71.9213, 57.4801,
31.8732

0.0000, INF, NaN

0.0000, INF, NaN

■ 83.8126, 59.1915,
34.8112


0.0000, NaN, NaN


■ 96.2954, 60.8031,
37.6505


0.0000, NaN, NaN


■ 109.3430, 62.3192,


0.0000, NaN, NaN

 122.9318, 63.7449,
43.0967


 30.9850, 49.6493,
18.6045


 30.9850, 49.6493,
18.6045


 30.2218, 51.6875,
19.3115


 32.3849, 46.1113,
17.3795

 30.2013, 51.7447,
19.3285

 34.5558, 41.0345,
15.7374

 37.4621, 34.9223,
13.8554

 41.0235, 28.2941,
11.8998

 45.1459, 21.5378,
9.9862

■ 49.7395, 14.8856,
8.1771

■ 54.7272, 8.4496,
6.4965

■ 60.0457, 2.2667,
4.9462

■ 65.6444, -3.6666,
3.5164

Harmonies

Analogous

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



30.9860, 64.8889, 6.2686



30.9850, 49.6493, 18.6045



30.9860, 21.2148, 21.6902

Triad

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



30.9860, 49.6455, 18.6050



30.9860, -35.2546, 15.3965



30.9860, 3.7609, -91.8067

Complementary

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



30.9850, 49.6493, 18.6045



58.1101, -30.9562, -4.5673

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.



30.9860, -19.3615, -80.1198



30.9850, 49.6493, 18.6045



30.9860, -37.2120, -3.7233

Square

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



30.9860, 49.6455, 18.6050



30.9860, -25.8180, 20.9342



30.9860, -32.4728, -41.0409



30.9860, 33.3604, -66.0721

Rectangle

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



30.9850, 49.6493, 18.6045



30.9860, 1.8434, 21.6902



30.9860, -32.4728, -41.0409



30.9860, -5.0047, -92.2882

Sweetspot

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



30.9860, 49.6455, 18.6050



68.0152, 17.9670, 10.4249



34.7109, 65.1520, -46.7467



31.0508, 9.8465, 5.2805



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



30.9860, 49.6455, 18.6050



40.4131, 69.2321, 25.9329



40.8501, 22.6921, 24.7370



28.3156, 0.9498, 2.2956



25.5599, 43.7965, 16.3264



4.2723, 7.3387, 2.5875

Inverse Universe

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



30.9860, 49.6455, 18.6050



40.4131, 69.2321, 25.9329



35.6036, 1.4347, -45.5752



28.3156, 0.9498, 2.2956



25.5599, 43.7965, 16.3264



4.2723, 7.3387, 2.5875

Previews

White Background



This preview shows how the HunterLab color 30.9850, 49.6493, 18.6045 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 30.9850, 49.6493, 18.6045 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 30.9850, 49.6493, 18.6045 Background



This preview shows how black text looks on a background with the HunterLab color 30.9850, 49.6493, 18.6045.



This preview shows how white text looks on a background with the HunterLab color 30.9850, 49.6493,

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

30.9850, 49.6493, 18.6045

Protanopia

31.5036, -3.9309, 16.2024

Deuteranopia

31.6350, 1.3941, 19.5177



Tritanopia

30.9980, 49.3173, 19.2359

Trichromacy



Original Color

30.9850, 49.6493, 18.6045

Protanomaly

28.5762, 17.3113, 15.2219

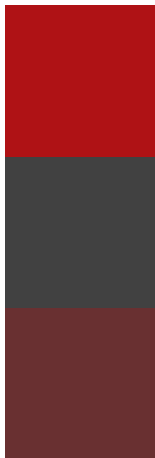
Deuteranomaly

29.3074, 20.9826, 17.9617

Tritanomaly

31.0115, 49.3689, 19.0362

Monochromacy



Original Color

30.9850, 49.6493, 18.6045

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.1061, 17.0171, 7.0797

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9850, 49.6493, 18.6045 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(175, 18, 21)` looks like.

```
.text, #text, p{  
    color:rgb(175, 18, 21)  
}
```

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(175, 18, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 18, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9850, 49.6493, 18.6045 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(175, 18, 21) }
```


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

```
.border{ border-color:rgb(175, 18, 21) }
```

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

Here you see how a box with a 4 pixel rgb(175, 18, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 18, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 18, 21);  
box-shadow:4px 4px 4px 4px rgb(175, 18,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.9850, 49.6493, 18.6045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 18, 21) }
```

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

```
.background{ background-color: rgb(175, 18,  
21) }
```

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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