

Converting Colors

HunterLab(16.5131, 18.5578,
9.5719)

Have a look what the booklet for
HunterLab(16.5131, 18.5578,
9.5719) contains.

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Color

**HunterLab(16.4536, 18.7255,
9.5352)**

Conversions

Conversions Part 1

Format	Color
Hex	581709
RGB	88, 23, 9
RGB Percent	35%, 9%, 4%
CMY	0.6549, 0.9098, 0.9647
CMYK	0.00, 0.74, 0.90, 0.65
HSL	11°, 81%, 19%
HSV	11°, 90%, 35%
XYZ	4.3802, 2.7072, 0.5501
YIQ	40.8390, 43.2340, 9.4260

Conversions

Conversions Part 2

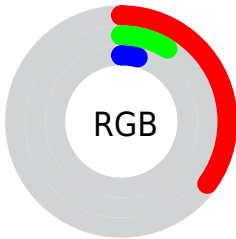
Format	Color
RYB	88, 26, 9
Decimal	5773065
CIELab	18.83, 29.13, 24.60
CIELCh	19, 38.124, 40.183
Yxy	2.7074, 0.5735, 0.3545
Android (android.graphics.Color)	4283963145 (0xFF581709)
YUV	40.8390, -15.6966, 41.3602
Hunter-Lab	16.4536, 18.7255, 9.5352

Details

The HunterLab color **16.4536, 18.7255, 9.5352** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **23.7899, -9.1993, -8.5112**, and the grayscale version is **14.8787, -0.7939, 0.8084**.

A 20% lighter version of the original color is **32.5625, 20.9858, 14.2995**, and **6.4363, 11.0564, 3.8951** is the 20% darker color. If you saturate the color by 10%, you get **15.6165, 20.7622, 9.9645**, and if you desaturate by 10%, it is **17.4890, 16.3690, 9.1521**.

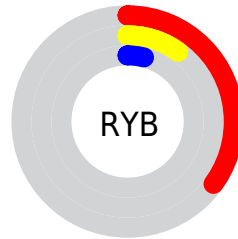
Distribution



Red (35%)

Green (9%)

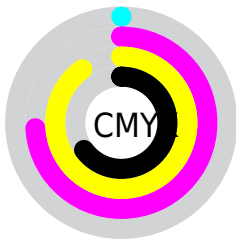
Blue (4%)



Red (35%)

Yellow (10%)

Blue (4%)

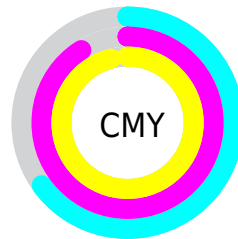


Cyan (0%)

Magenta (74%)

Yellow (90%)

Black (65%)



Cyan (65%)


Magenta (91%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 16.4536, 18.7255, 9.5352 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 16.4536, 18.7255, 9.5352 by changing the saturation by 10% instead.

 16.4536, 18.7255,
9.5352

 16.4536, 18.7255,
9.5352


 111.6349, 26.4897,
28.0707

 9.9042, 17.2606,
6.9330


 32.4982, 21.2641,
14.2544

0.0000, INF, NaN

0.0000, NaN, NaN

 41.7824, 22.3245,
16.4509

0.0000, NaN, NaN


 51.8133, 23.2615,
18.5367

0.0000, NaN, NaN

0.0000, NaN, NaN

 62.5388, 24.0881,
20.5408

0.0000, NaN, NaN

 73.9167, 24.8155,
22.4834

0.0000, NaN, NaN

 85.9115, 25.4532,

0.0000, NaN, NaN

24.3792

■ 98.4930, 26.0090,
26.2389

■ 16.4536, 18.7255,
9.5352

■ 16.4536, 18.7255,
9.5352

■ 15.6165, 20.7622,
9.9645

■ 17.4890, 16.3690,
9.1521

■ 15.5997, 20.8033,
9.9767

■ 18.7228, 13.8975,
8.5729

■ 20.1351, 11.4092,
7.8324

■ 21.7044, 8.9707,
6.9680

■ 23.4109, 6.6206,
6.0115

■ 25.2365, 4.3768,
4.9877

■ 27.1661, 2.2435,
3.9150

■ 29.1867, 0.2173,
2.8065

■ 31.2874, -1.7096,
1.6712

Harmonies

Analogous

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



16.4541, 25.7195, 4.0858



16.4536, 18.7255, 9.5352



16.4541, 6.9691, 11.5179

Triad

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



16.4541, 18.7239, 9.5354



16.4541, -16.4867, 6.3837



16.4541, 3.0523, -34.0479

Complementary

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



16.4536, 18.7255, 9.5352



23.7899, -9.1993, -8.5112

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.



16.4541, -7.4855, -31.7657



16.4536, 18.7255, 9.5352



16.4541, -17.0144, -3.0974

Square

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



16.4541, 18.7239, 9.5354



16.4541, -12.4750, 10.6760



16.4541, -14.1777, -18.2342



16.4541, 15.2139, -23.2673

Rectangle

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



16.4536, 18.7255, 9.5352



16.4541, -0.9468, 11.5179



16.4541, -14.1777, -18.2342



16.4541, -0.8107, -34.8941

Sweetspot

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



16.4541, 18.7239, 9.5354



33.8414, 5.2466, 6.3334



16.6607, 28.5534, -12.8161



16.7766, 2.9377, 3.3316



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



16.4541, 18.7239, 9.5354



20.3479, 28.3739, 13.0350



23.4595, 2.9122, 13.8534



14.7336, 0.0089, 1.3496



18.9664, 26.1762, 12.1453



43.8417, 65.5438, 28.1625

Inverse Universe

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



23.7899, -9.1993, -8.5112



30.5128, -11.7496, -12.7743



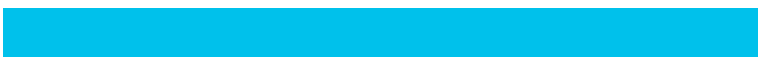
14.0869, 6.8358, -30.0580



15.1859, -1.5561, 0.2750



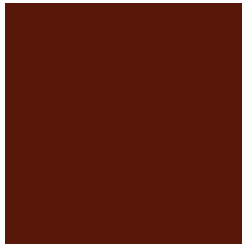
28.3935, -10.9739, -11.7999



66.4233, -24.8443, -29.3916

Previews

White Background



This preview shows how the HunterLab color 16.4536, 18.7255, 9.5352 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

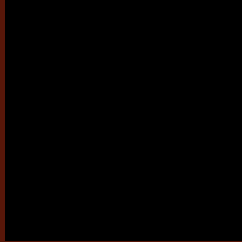
Any Text WCAG AA × Fail

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 16.4536, 18.7255, 9.5352 Background



This preview shows how black text looks on a background with the HunterLab color 16.4536, 18.7255, 9.5352.

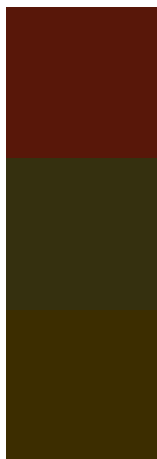


This preview shows how white text looks on a background with the HunterLab color 16.4536, 18.7255, 9.5352.

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

16.4536, 18.7255, 9.5352

Protanopia

17.0449, -2.4813, 8.8875

Deuteranopia

16.8447, 0.2127, 10.3833



Tritanopia

16.4513, 19.5612, 7.7441

Trichromacy



Original Color

16.4536, 18.7255, 9.5352

Protanomaly

16.2430, 5.0366, 8.7071

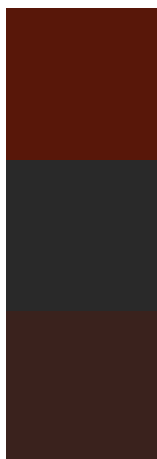
Deuteranomaly

16.2228, 6.8614, 9.8017

Tritanomaly

16.3982, 19.3359, 8.5255

Monochromacy



Original Color

16.4536, 18.7255, 9.5352

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.6024, 5.4791, 4.3742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4536, 18.7255, 9.5352 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(88, 23, 9)` looks like.

```
.text, #text, p{  
    color:rgb(88, 23, 9)  
}
```

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(88, 23, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 23, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4536, 18.7255, 9.5352 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(88, 23, 9) }
```


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

```
.border{ border-color:rgb(88, 23, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 23, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 23, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(88, 23, 9); box-shadow:4px  
4px 4px 4px rgb(88, 23, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4536, 18.7255, 9.5352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 23, 9) }
```

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

```
.background{ background-color: rgb(88, 23,  
9) }
```

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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