

Converting Colors

HunterLab(29.5031, 37.5023,
18.0568)

Have a look what the booklet for
HunterLab(29.5031, 37.5023,
18.0568) contains.

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Color

**HunterLab(29.5207, 37.4417,
18.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	9D280D
RGB	157, 40, 13
RGB Percent	62%, 16%, 5%
CMY	0.3843, 0.8431, 0.9490
CMYK	0.00, 0.75, 0.92, 0.38
HSL	11°, 85%, 33%
HSV	11°, 92%, 62%
XYZ	14.7360, 8.7147, 1.2862
YIQ	71.9050, 78.3990, 16.4070

Conversions

Conversions Part 2

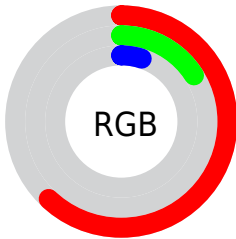
Format	Color
R_{YB}	157, 46, 13
Decimal	10299405
CIE Lab	35.43, 46.93, 43.12
CIE LCh	35, 63.731, 42.581
Yxy	8.7152, 0.5957, 0.3523
Android (android.graphics.Color)	4288489485 (0xFF9D280D)
YUV	71.9050, -29.0402, 74.6283
Hunter-Lab	29.5207, 37.4417, 18.0813

Details

The HunterLab color **29.5207, 37.4417, 18.0813** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **42.9916, -16.1395, -17.7820**, and the grayscale version is **25.5044, -1.3609, 1.3857**.

A 20% lighter version of the original color is **48.3650, 40.9617, 25.2788**, and **15.9417, 27.3007, 10.3012** is the 20% darker color. If you saturate the color by 10%, you get **28.4056, 40.4957, 18.2124**, and if you desaturate by 10%, it is **31.2730, 33.0865, 17.6824**.

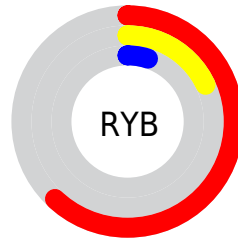
Distribution



Red (62%)

Green (16%)

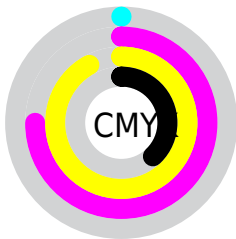
Blue (5%)



Red (62%)

Yellow (18%)

Blue (5%)

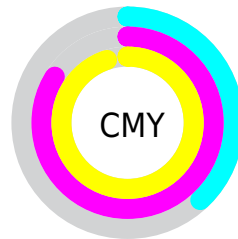


Cyan (0%)

Magenta (75%)

Yellow (92%)

Black (38%)



Cyan (38%)

Magenta (84%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5207, 37.4417, 18.0813 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 29.5207, 37.4417, 18.0813 by changing the saturation by 10% instead.

■ 29.5207, 37.4417,
18.0813

■ 29.5207, 37.4417,
18.0813

■ 134.6251, 49.7197,
45.7628

■ 21.3446, 35.5668,
14.8009

■ 48.3209, 40.9076,
25.2636

■ 14.1037, 33.7191,
9.8726

■ 58.8154, 42.4709,
28.5421

■ 7.7534, 33.7475,
5.4274

■ 69.9757, 43.9221,
31.6648

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.7643, 45.2672,
34.6609

0.0000, NaN, NaN

■ 94.1493, 46.5131,
37.5527

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 107.1033, 47.6665,


40.3580


0.0000, NaN, NaN


 120.6023, 48.7335,
43.0910


 29.5207, 37.4417,
18.0813


 29.5207, 37.4417,
18.0813


 28.4056, 40.4957,
18.2124

 31.2730, 33.0865,
17.6824

 33.4565, 28.3465,
16.8189

 36.0322, 23.4719,
15.5566

 38.9542, 18.6450,
13.9782

 42.1775, 13.9768,
12.1615

■ 45.6612, 9.5231,
10.1696

■ 49.3701, 5.3021,
8.0498

■ 53.2743, 1.3101,
5.8364

■ 57.3492, -2.4685,
3.5531

Harmonies

Analogous

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



29.5216, 53.5194, 9.2296



29.5207, 37.4417, 18.0813



29.5216, 12.4995, 20.6260

Triad

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



29.5216, 37.4386, 18.0817



29.5216, -32.5211, 11.4514



29.5216, 8.4340, -73.2097

Complementary

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



29.5207, 37.4417, 18.0813



42.9916, -16.1395, -17.7820

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.



29.5216, -13.4273, -70.6345



29.5207, 37.4417, 18.0813



29.5216, -33.0138, -8.8182

Square

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



29.5216, 37.4386, 18.0817



29.5216, -25.4885, 18.6764



29.5216, -27.1260, -41.9110



29.5216, 33.7063, -47.4875

Rectangle

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



29.5207, 37.4417, 18.0813



29.5216, -3.4969, 20.6651



29.5216, -27.1260, -41.9110



29.5216, 0.3938, -75.9721

Sweetspot

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



29.5216, 37.4386, 18.0817



62.6541, 10.9139, 12.7233



30.1392, 54.5607, -22.4349



28.4746, 6.2077, 6.4926



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



29.5216, 37.4386, 18.0817



37.7365, 55.0695, 24.2171



43.1895, 5.8591, 26.1930



26.1486, 0.1728, 2.5437



25.6822, 36.2365, 16.4597



4.0791, 3.0607, 2.5671

Inverse Universe

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



42.9916, -16.1395, -17.7820



56.1578, -20.4407, -26.0667



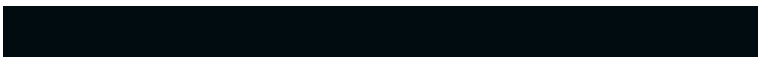
23.6788, 17.3256, -64.9763



27.0145, -2.8987, 0.3397



38.0418, -14.0667, -17.1829



5.5574, -2.4946, -1.5612

Previews

White Background



This preview shows how the HunterLab color 29.5207, 37.4417, 18.0813 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 29.5207, 37.4417, 18.0813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

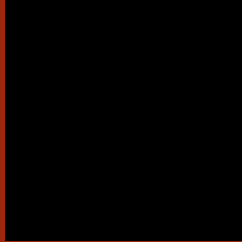
Any Text WCAG AA × Fail

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 29.5207, 37.4417, 18.0813 Background



This preview shows how black text looks on a background with the HunterLab color 29.5207, 37.4417, 18.0813.



This preview shows how white text looks on a background with the HunterLab color 29.5207, 37.4417,

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

29.5207, 37.4417, 18.0813

Protanopia

29.9931, -4.0872, 16.7018

Deuteranopia

29.7710, 1.4554, 18.3702



Tritanopia

29.4971, 38.9334, 14.9994

Trichromacy



Original Color

29.5207, 37.4417, 18.0813

Protanomaly

28.5627, 10.7944, 16.4154

Deuteranomaly

28.5509, 14.9013, 17.5556

Tritanomaly

29.5176, 38.2334, 16.3907

Monochromacy



Original Color

29.5207, 37.4417, 18.0813

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.2077, 11.1685, 8.3618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5207, 37.4417, 18.0813 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(157, 40, 13)` looks like.

```
.text, #text, p{  
  color:rgb(157, 40, 13)  
}
```

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(157, 40, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 40, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5207, 37.4417, 18.0813 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(157, 40, 13) }
```


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

```
.border{ border-color:rgb(157, 40, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 40, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 40, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 40, 13);  
box-shadow:4px 4px 4px 4px rgb(157, 40,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5207, 37.4417, 18.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 40, 13) }
```

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

```
.background{ background-color: rgb(157, 40,  
13) }
```

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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