

Converting Colors

HunterLab(29.3434, 38.5930,
18.7569)

Have a look what the booklet for
HunterLab(29.3434, 38.5930,
18.7569) contains.

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Color

**HunterLab(29.3125, 38.5977,
18.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	9E2500
RGB	158, 37, 0
RGB Percent	62%, 15%, 0%
CMY	0.3804, 0.8549, 1.0000
CMYK	0.00, 0.77, 1.00, 0.38
HSL	14°, 100%, 31%
HSV	14°, 100%, 62%
XYZ	14.7621, 8.5922, 0.8804
YIQ	68.9610, 83.9930, 14.1450

Conversions

Conversions Part 2

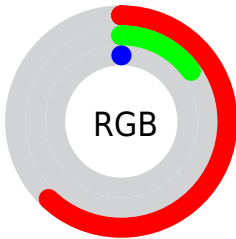
Format	Color
RYB	158, 48, 0
Decimal	10364160
CIELab	35.19, 48.13, 48.07
CIELCh	35, 68.026, 44.968
Yxy	8.5928, 0.6091, 0.3546
Android (android.graphics.Color)	4288554240 (0xFF9E2500)
YUV	68.9610, -33.9978, 78.0872
Hunter-Lab	29.3125, 38.5977, 18.7380

Details

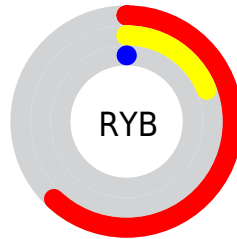
The HunterLab color **29.3125, 38.5977, 18.7380** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **40.1758, -12.5149, -23.2002**, and the grayscale version is **24.4779, -1.3061, 1.3299**.

A 20% lighter version of the original color is **48.0627, 41.8586, 26.6263**, and **15.9417, 27.3007, 10.3012** is the 20% darker color. If you saturate the color by 10%, you get **29.3134, 38.5945, 18.7384**, and if you desaturate by 10%, it is **30.8408, 34.5546, 18.6815**.

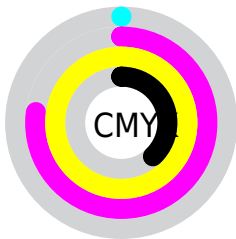
Distribution



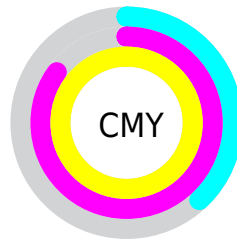
- Red (62%)
- Green (15%)
- Blue (0%)



- Red (62%)
- Yellow (19%)
- Blue (0%)



- Cyan (0%)
- Magenta (77%)
- Yellow (100%)
- Black (38%)





- Cyan (38%)
- Magenta (85%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 29.3125, 38.5977, 18.7380 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 29.3125, 38.5977, 18.7380 by changing the saturation by 10% instead.


 29.3125, 38.5977,
18.7380


 29.3125, 38.5977,
18.7380


 134.2796, 51.2654,
49.1933


 21.1578, 36.6925,
14.8104

 48.0755, 42.1465,
26.6665

 13.9411, 34.8390,
9.7587

 58.5533, 43.7548,
30.2890

 7.5786, 35.3099,
5.3050


 69.6980, 45.2511,
33.7344

0.0000, INF, NaN

0.0000, NaN, NaN

 81.4717, 46.6410,
37.0336

0.0000, NaN, NaN

 93.8427, 47.9311,
40.2112

0.0000, NaN, NaN


 106.7832, 49.1279,


0.0000, NaN, NaN


43.2870


0.0000, NaN, NaN


 120.2692, 50.2375,
46.2767


 29.3125, 38.5977,
18.7380

 29.3125, 38.5977,
18.7380


 29.3134, 38.5945,
18.7384

 30.8408, 34.5546,
18.6815

 32.7579, 30.0524,
18.2894

 35.0471, 25.3752,
17.4186

 37.6712, 20.7106,
16.1278

 40.5912, 16.1818,
14.4907

■ 43.7700, 11.8579,
12.5776

■ 47.1742, 7.7684,
10.4480

■ 50.7751, 3.9172,
8.1489

■ 54.5483, 0.2937,
5.7163

Harmonies

Analogous

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



29.3134, 57.4238, 10.7969



29.3125, 38.5977, 18.7380



29.3134, 11.3441, 20.5194

Triad

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



29.3134, 38.5945, 18.7384



29.3134, -34.0761, 10.8270



29.3134, 11.2865, -79.9696

Complementary

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



29.3125, 38.5977, 18.7380



40.1758, -12.5149, -23.2002

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.



29.3134, -12.5674, -79.9312



29.3125, 38.5977, 18.7380



29.3134, -34.0826, -12.1057

Square

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



29.3134, 38.5945, 18.7384



29.3134, -27.5055, 18.7460



29.3134, -27.5277, -49.2331



29.3134, 38.5408, -49.3152

Rectangle

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



29.3125, 38.5977, 18.7380



29.3134, -5.4439, 20.5194



29.3134, -27.5277, -49.2331



29.3134, 2.5253, -84.0421

Sweetspot

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



29.3134, 38.5945, 18.7384



63.2951, 10.7828, 14.2548



29.4156, 55.0790, -17.4566



29.1750, 6.1448, 7.3217



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



29.3134, 38.5945, 18.7384



39.1739, 53.0124, 25.0668



44.4173, 3.9715, 27.4393



26.2409, 0.0142, 2.6455



26.3336, 34.2368, 16.8260



4.2649, 2.6156, 2.6738

Inverse Universe

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



40.1758, -12.5149, -23.2002



53.8463, -16.4509, -31.7904



20.3322, 25.9096, -81.3448



26.9182, -2.7436, 0.2249



36.0409, -11.3209, -20.6094



5.3988, -2.2918, -1.8007

Previews

White Background



This preview shows how the HunterLab color 29.3125, 38.5977, 18.7380 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 29.3125, 38.5977, 18.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

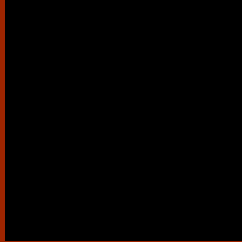
Any Text WCAG AA × Fail

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 29.3125, 38.5977, 18.7380 Background



This preview shows how black text looks on a background with the HunterLab color 29.3125, 38.5977, 18.7380.



This preview shows how white text looks on a background with the HunterLab color 29.3125, 38.5977,

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

29.3125, 38.5977, 18.7380

Protanopia

29.6938, -3.8804, 17.0866

Deuteranopia

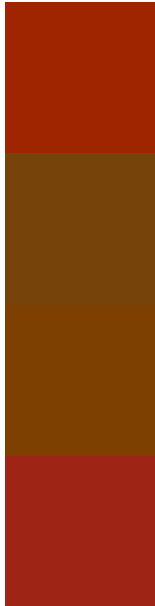
29.6673, 1.1047, 18.3002



Tritanopia

29.3130, 40.0742, 15.5479

Trichromacy



Original Color

29.3125, 38.5977, 18.7380

Protanomaly

28.0892, 11.4605, 16.8408

Deuteranomaly

28.3315, 15.2562, 17.7249

Tritanomaly

29.3066, 39.3213, 17.2113

Monochromacy



Original Color

29.3125, 38.5977, 18.7380

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.2380, 11.2306, 9.3031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3125, 38.5977, 18.7380 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(158, 37, 0)` looks like.

```
.text, #text, p{  
    color:rgb(158, 37, 0)  
}
```

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(158, 37, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 37, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3125, 38.5977, 18.7380 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(158, 37, 0) }
```


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

```
.border{ border-color:rgb(158, 37, 0) }
```

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

Here you see how a box with a 4 pixel rgb(158, 37, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 37, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 37, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 37, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.3125, 38.5977, 18.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 37, 0) }
```

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

```
.background{ background-color: rgb(158, 37,  
0) }
```

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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