

Converting Colors

HunterLab(58.5959, 11.4013,
37.8186)

Have a look what the booklet for
HunterLab(58.5959, 11.4013,
37.8186) contains.

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Color

**HunterLab(58.6489, 11.6978,
36.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	D59100
RGB	213, 145, 0
RGB Percent	84%, 57%, 0%
CMY	0.1647, 0.4313, 1.0000
CMYK	0.00, 0.32, 1.00, 0.16
HSL	41°, 100%, 42%
HSV	41°, 100%, 84%
XYZ	37.5660, 34.3969, 4.6593
YIQ	148.8020, 87.0730, -30.6790

Conversions

Conversions Part 2

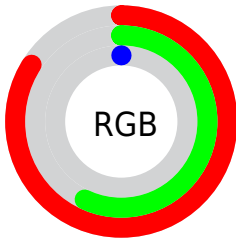
Format	Color
RYB	100, 213, 0
Decimal	13996288
CIELab	65.28, 16.60, 70.18
CIELCh	65, 72.113, 76.690
Yxy	34.3987, 0.4903, 0.4489
Android (android.graphics.Color)	4292186368 (0xFFD59100)
YUV	148.8020, -73.3594, 56.3016
Hunter-Lab	58.6489, 11.6978, 36.3440

Details

The HunterLab color **58.6489, 11.6978, 36.3440** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **29.8979, 31.7266, -105.8571**, and the grayscale version is **55.0053, -2.9349, 2.9885**.

A 20% lighter version of the original color is **79.1125, 3.3965, 44.0843**, and **38.5484, 11.4497, 23.9538** is the 20% darker color. If you saturate the color by 10%, you get **58.6495, 11.6962, 36.3443**, and if you desaturate by 10%, it is **60.4936, 8.5515, 36.7153**.

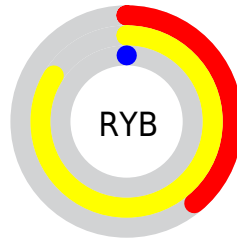
Distribution



Red (84%)

Green (57%)

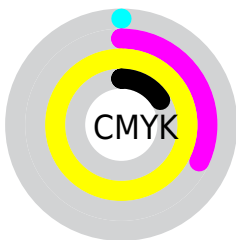
Blue (0%)



Red (39%)

Yellow (84%)

Blue (0%)

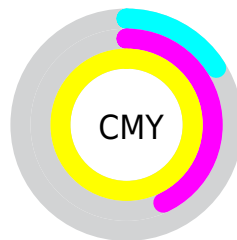


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.6489, 11.6978, 36.3440 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 58.6489, 11.6978, 36.3440 by changing the saturation by 10% instead.

■ 58.6489, 11.6978,
36.3440

■ 58.6489, 11.6978,
36.3440

179.4174, 11.4178,
74.2719

■ 48.1664, 11.4035,
31.2621

■ 81.5801, 12.0419,
45.8373

■ 38.3944, 11.0206,
26.0244

■ 93.9563, 12.1135,
50.2953

■ 29.3905, 10.5315,
20.5734

■ 106.9018, 12.1249,
54.5921

■ 21.2270, 9.9174,
14.8589

■ 120.3927, 12.0807,
58.7478

■ 14.0013, 9.1527,
9.8009

■ 134.4076, 11.9848,
62.7798

■ 7.6439, 9.1884,
5.3507

■ 148.9278, 11.8405,

0.0000, NaN, NaN

66.7030

0.0000, NaN, NaN

163.9362, 11.6506,
70.5301

0.0000, NaN, NaN

58.6489, 11.6978,
36.3440

58.6489, 11.6978,
36.3440

58.6495, 11.6962,
36.3443

60.4936, 8.5515,
36.7153

62.4327, 5.6770,
36.4350

64.4762, 3.1419,
35.3369

66.6245, 0.9699,
33.3834

68.8761, -0.8282,
30.5686

■ 71.2284, -2.2510,
26.9064

■ 73.6780, -3.3035,
22.4238

■ 76.2211, -3.9955,
17.1561

■ 78.8539, -4.3401,
11.1434

Harmonies

Analogous

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



58.6504, 45.2480, 31.7871



58.6489, 11.6978, 36.3440



58.6504, -19.7571, 36.1186

Triad

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



58.6504, 11.6946, 36.3445



58.6504, -51.1486, -16.1981



58.6504, 48.6109, -52.7213

Complementary

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



58.6489, 11.6978, 36.3440



29.8979, 31.7266, -105.8571

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.



58.6504, 15.5784, -84.9314



58.6489, 11.6978, 36.3440



58.6504, -39.6106, -57.2555

Square

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



58.6504, 11.6946, 36.3445



58.6504, -51.7508, 15.1181



58.6504, -16.6190, -86.9308



58.6504, 69.4415, -11.9216

Rectangle

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



58.6489, 11.6978, 36.3440



58.6504, -35.5161, 33.3833



58.6504, -16.6190, -86.9308



58.6504, 38.2815, -65.6817

Sweetspot

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



58.6504, 11.6946, 36.3445



90.2279, -4.0162, 27.6771



38.2116, 66.6277, 15.4608



41.1459, -1.6264, 13.9373

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.6504, 11.6946, 36.3445



71.6770, 14.7662, 44.4255



75.4945, -32.7157, 45.9464



37.1756, -2.0466, 5.0718



46.0469, 8.7435, 28.5270



11.9381, 0.9832, 7.3734

Inverse Universe

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



29.8979, 31.7266, -105.8571



36.2839, 39.9247, -131.5377



22.7389, 60.0648, -149.0749



35.5660, -1.6983, -1.3486



23.7140, 23.8432, -81.1110



6.9768, 3.0743, -15.3570

Previews

White Background



This preview shows how the HunterLab color 58.6489, 11.6978, 36.3440 looks on a white background.

Color Contrast Check

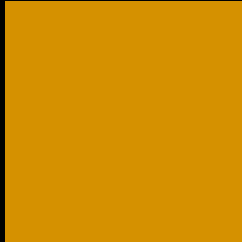
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 58.6489, 11.6978, 36.3440 looks on a black 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

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

HunterLab 58.6489, 11.6978, 36.3440 Background



This preview shows how black text looks on a background with the HunterLab color 58.6489, 11.6978, 36.3440.



This preview shows how white text looks on a background with the HunterLab color 58.6489, 11.6978,

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

58.6489, 11.6978, 36.3440

Protanopia

58.6615, -8.1219, 35.5848

Deuteranopia

58.7799, 3.8893, 36.2880



Tritanopia

58.6791, 28.0805, 9.5824

Trichromacy



Original Color

58.6489, 11.6978, 36.3440

Protanomaly

58.4870, -1.3605, 35.7536

Deuteranomaly

58.7146, 6.4640, 36.2928

Tritanomaly

58.3007, 19.7679, 25.9736

Monochromacy



Original Color

58.6489, 11.6978, 36.3440

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

55.4767, -1.6233, 22.5854

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.6489, 11.6978, 36.3440 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(213, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 145, 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(213, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 145, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.6489, 11.6978, 36.3440 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(213, 145, 0) }
```


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

```
.border{ border-color:rgb(213, 145, 0) }
```

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

Here you see how a box with a 4 pixel rgb(213, 145, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 145,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.6489, 11.6978, 36.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 145, 0) }
```

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

```
.background{ background-color: rgb(213,  
145, 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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