

Converting Colors

HunterLab(65.7980, 11.6570,
40.3133)

Have a look what the booklet for
HunterLab(65.7980, 11.6570,
40.3133) contains.

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Color

**HunterLab(65.7280, 11.5786,
40.2618)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A210
RGB	233, 162, 16
RGB Percent	91%, 64%, 6%
CMY	0.0863, 0.3647, 0.9372
CMYK	0.00, 0.30, 0.93, 0.09
HSL	40°, 87%, 49%
HSV	40°, 93%, 91%
XYZ	46.6181, 43.2017, 6.3719
YIQ	166.5850, 89.1820, -30.3540

Conversions

Conversions Part 2

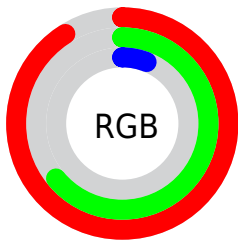
Format	Color
RYB	122, 233, 16
Decimal	15311376
CIELab	71.69, 16.33, 73.54
CIELCh	72, 75.334, 77.482
Yxy	43.2039, 0.4846, 0.4491
Android (android.graphics.Color)	4293501456 (0xFFE9A210)
YUV	166.5850, -74.2384, 58.2460
Hunter-Lab	65.7280, 11.5786, 40.2618

Details

The HunterLab color **65.7280, 11.5786, 40.2618** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **35.7916, 28.7813, -105.1440**, and the grayscale version is **62.2643, -3.3223, 3.3829**.

A 20% lighter version of the original color is **84.5637, -5.2642, 46.2779**, and **44.7513, 11.3475, 27.7742** is the 20% darker color. If you saturate the color by 10%, you get **64.3110, 14.0824, 39.8747**, and if you desaturate by 10%, it is **67.8843, 8.1554, 40.2726**.

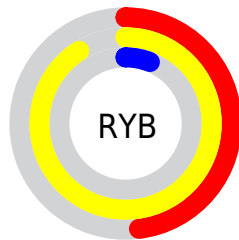
Distribution



Red (91%)

Green (64%)

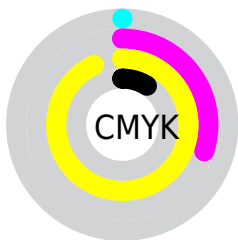
Blue (6%)



Red (48%)

Yellow (91%)

Blue (6%)

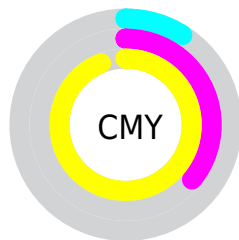


Cyan (0%)

Magenta (30%)

Yellow (93%)

Black (9%)



Cyan (9%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.7280, 11.5786, 40.2618 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 65.7280, 11.5786, 40.2618 by changing the saturation by 10% instead.

65.7280, 11.5786,
40.2618

65.7280, 11.5786,
40.2618

189.5916, 10.8882,
78.9964

54.8134, 11.3499,
35.1238

89.4530, 11.8081,
49.8975

44.5790, 11.0407,
29.7490

102.1974, 11.8293,
54.4391

35.0751, 10.6357,
24.5526

115.4953, 11.7936,
58.8254

26.3631, 10.1192,
18.4542

129.3247, 11.7053,
63.0750

18.5228, 9.4701,
12.9660

143.6658, 11.5678,
67.2039

11.6646, 8.6603,
8.1652

158.5011, 11.3841,

4.3294, 16.2035,

71.2261

3.0306

173.8145, 11.1568,
75.1535

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7280, 11.5786,
40.2618

■ 65.7280, 11.5786,
40.2618

■ 64.3110, 14.0824,
39.8747

■ 67.8843, 8.1554,
40.2726

■ 70.1586, 5.1021,
39.3946

■ 72.5534, 2.4488,
37.5707

■ 75.0673, 0.2118,
34.7856

■ 77.6972, -1.6045,

31.0503

■ 80.4394, -3.0040,
26.3928

■ 83.2894, -3.9967,
20.8518

■ 86.2427, -4.5966,
14.4722

■ 89.2944, -4.8207,
7.3020

Harmonies

Analogous

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



65.7297, 47.8933, 35.2608



65.7280, 11.5786, 40.2618



65.7297, -22.3650, 39.8792

Triad

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



65.7297, 11.5751, 40.2624



65.7297, -55.7842, -18.4699



65.7297, 53.2067, -55.3431

Complementary

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



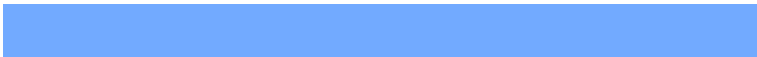
65.7280, 11.5786, 40.2618



35.7916, 28.7813, -105.1440

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.



65.7297, 17.7420, -90.2265



65.7280, 11.5786, 40.2618



65.7297, -42.7755, -62.4426

Square

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



65.7297, 11.5751, 40.2624



65.7297, -56.7590, 15.8947



65.7297, -17.3478, -93.3438



65.7297, 75.0667, -11.7086

Rectangle

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



65.7280, 11.5786, 40.2618



65.7297, -39.3621, 36.6325



65.7297, -17.3478, -93.3438



65.7297, 42.1820, -69.2793

Sweetspot

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



65.7297, 11.5751, 40.2624



90.6723, -3.9321, 26.2942



42.9006, 72.9022, 14.8494



41.3208, -1.5792, 13.3548

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.7297, 11.5751, 40.2624



71.1351, 15.8117, 44.1099



83.7632, -35.3153, 50.6490



40.9244, -2.2120, 5.5932



48.6863, 10.1406, 30.1778



14.2669, 1.6707, 8.8204

Inverse Universe

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



35.7916, 28.7813, -105.1440



36.7047, 38.7493, -129.5263



26.4363, 63.9205, -155.4849



39.1839, -1.9090, -1.4939



25.4762, 24.9334, -85.6670



8.2423, 4.2861, -19.5546

Previews

White Background



This preview shows how the HunterLab color 65.7280, 11.5786, 40.2618 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 65.7280, 11.5786, 40.2618 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 65.7280, 11.5786, 40.2618 Background



This preview shows how black text looks on a background with the HunterLab color 65.7280, 11.5786, 40.2618.



This preview shows how white text looks on a background with the HunterLab color 65.7280, 11.5786,

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

65.7280, 11.5786, 40.2618

Protanopia

65.6615, -8.9985, 39.6174

Deuteranopia

65.8287, 4.8472, 40.5447



Tritanopia

65.7777, 30.1345, 10.2485

Trichromacy



Original Color

65.7280, 11.5786, 40.2618

Protanomaly

65.5936, -1.7102, 39.7903

Deuteranomaly

65.7713, 7.5096, 40.4524

Tritanomaly

65.2314, 21.0422, 27.4134

Monochromacy



Original Color

65.7280, 11.5786, 40.2618

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.5751, -1.4921, 24.0079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.7280, 11.5786, 40.2618 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(233, 162, 16)` looks like.

```
.text, #text, p{  
    color:rgb(233, 162, 16)  
}
```

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(233, 162, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 162, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 65.7280, 11.5786, 40.2618 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(233, 162, 16) }
```


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

```
.border{ border-color:rgb(233, 162, 16) }
```

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

Here you see how a box with a 4 pixel rgb(233, 162, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 162, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 162, 16);  
box-shadow:4px 4px 4px 4px rgb(233, 162,  
16) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.7280, 11.5786, 40.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 162, 16) }
```

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

```
.background{ background-color: rgb(233,  
162, 16) }
```

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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