

Converting Colors

HunterLab(65.0244, 14.7261,
40.3238)

Have a look what the booklet for
HunterLab(65.0244, 14.7261,
40.3238) contains.

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Color

**HunterLab(65.0281, 14.7171,
40.3277)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9E00
RGB	236, 158, 0
RGB Percent	93%, 62%, 0%
CMY	0.0745, 0.3804, 0.9999
CMYK	0.00, 0.33, 1.00, 0.07
HSL	40°, 100%, 46%
HSV	40°, 100%, 93%
XYZ	46.8189, 42.2865, 5.6945
YIQ	163.3100, 97.2060, -32.6020

Conversions

Conversions Part 2

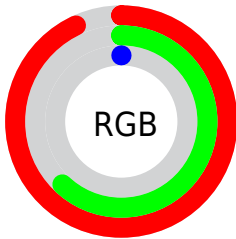
Format	Color
RYB	117, 236, 0
Decimal	15506944
CIELab	71.07, 19.58, 75.32
CIElCh	71, 77.827, 75.427
Yxy	42.2887, 0.4939, 0.4461
Android (android.graphics.Color)	4293697024 (0xFFEC9E00)
YUV	163.3100, -80.5118, 63.7491
Hunter-Lab	65.0281, 14.7171, 40.3277

Details

The HunterLab color **65.0281, 14.7171, 40.3277** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **33.9200, 34.6529, -117.2013**, and the grayscale version is **60.9396, -3.2516, 3.3110**.

A 20% lighter version of the original color is **83.2973, -3.5359, 46.2679**, and **44.1747, 14.4733, 27.4736** is the 20% darker color. If you saturate the color by 10%, you get **65.0286, 14.7155, 40.3280**, and if you desaturate by 10%, it is **67.1559, 11.0010, 40.8293**.

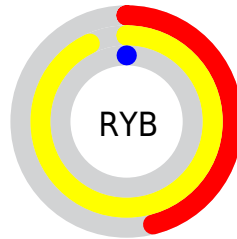
Distribution



Red (93%)

Green (62%)

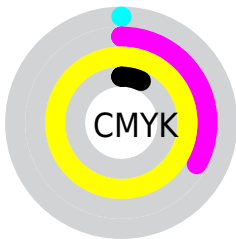
Blue (0%)



Red (46%)

Yellow (93%)

Blue (0%)

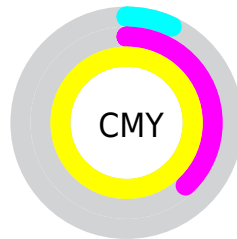


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (7%)



Cyan (7%)


Magenta (38%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.0281, 14.7171, 40.3277 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 65.0281, 14.7171, 40.3277 by changing the saturation by 10% instead.


 65.0281, 14.7171,
40.3277


 65.0281, 14.7171,
40.3277


188.5944, 15.1924,
79.9770


 54.1548, 14.3321,
35.0674


 88.6772, 15.2388,
50.1985


 43.9644, 13.8590,
29.5751


 101.3862, 15.3974,
54.8507


 34.5080, 13.2812,
24.1556


 114.6503, 15.4943,
59.3426

 25.8477, 12.5823,
18.0934

 128.4471, 15.5342,
63.6931

 18.0650, 11.7411,
12.6455

 142.7569, 15.5207,
67.9185

 11.2729, 10.7338,
7.8910

 157.5618, 15.4574,

 3.4410, 24.6142,

72.0330

2.4087

172.8458, 15.3471,
76.0490

0.0000, NaN, NaN

0.0000, NaN, NaN

65.0281, 14.7171,
40.3277

65.0281, 14.7171,
40.3277

65.0286, 14.7155,
40.3280

67.1559, 11.0010,
40.8293

69.3972, 7.5975,
40.5783

71.7622, 4.5796,
39.4006

74.2508, 1.9752,
37.2539

76.8608, -0.2033,

34.1333

■ 79.5885, -1.9546,
30.0570

■ 82.4298, -3.2850,
25.0581

■ 85.3800, -4.2064,
19.1788

■ 88.4341, -4.7343,
12.4668

Harmonies

Analogous

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



65.0298, 52.0486, 34.9891



65.0281, 14.7171, 40.3277



65.0298, -20.7432, 40.2655

Triad

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



65.0298, 14.7135, 40.3283



65.0298, -57.2930, -16.3346



65.0298, 53.0002, -60.9790

Complementary

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



65.0281, 14.7171, 40.3277



33.9200, 34.6529, -117.2013

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.



65.0298, 15.8110, -96.0959



65.0281, 14.7171, 40.3277



65.0298, -44.9738, -62.2647

Square

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



65.0298, 14.7135, 40.3283



65.0298, -57.4624, 17.9184



65.0298, -19.8579, -96.6634



65.0298, 77.1810, -15.1249

Rectangle

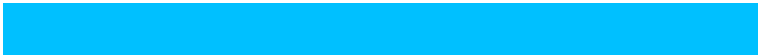
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.0281, 14.7171, 40.3277



65.0298, -38.6694, 37.4331



65.0298, -19.8579, -96.6634



65.0298, 41.2882, -75.3058

Sweetspot

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



65.0298, 14.7135, 40.3283



89.9615, -3.5706, 27.4383



42.8868, 74.7485, 17.5944



41.0061, -1.3919, 13.8165

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.0298, 14.7135, 40.3283



70.9094, 16.2495, 43.9785



84.7443, -36.8049, 51.5744



40.9137, -2.1943, 5.5818



48.5351, 10.4319, 30.0897



14.2291, 1.7399, 8.7984

Inverse Universe

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



33.9200, 34.6529, -117.2013



36.8831, 38.2567, -128.6860



25.4842, 67.4029, -167.7422



39.1946, -1.9268, -1.4807



25.5985, 24.6049, -85.1109



8.2766, 4.2096, -19.4323

Previews

White Background



This preview shows how the HunterLab color 65.0281, 14.7171, 40.3277 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 65.0281, 14.7171, 40.3277 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 65.0281, 14.7171, 40.3277 Background



This preview shows how black text looks on a background with the HunterLab color 65.0281, 14.7171, 40.3277.



This preview shows how white text looks on a background with the HunterLab color 65.0281, 14.7171,

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

65.0281, 14.7171, 40.3277

Protanopia

65.2439, -8.9834, 39.6002

Deuteranopia

65.0249, 4.9977, 40.1556



Tritanopia

65.1082, 32.9207, 11.2386

Trichromacy



Original Color

65.0281, 14.7171, 40.3277

Protanomaly

64.9975, -0.8559, 39.7742

Deuteranomaly

64.8147, 8.5337, 40.0879

Tritanomaly

64.4966, 23.7136, 28.8396

Monochromacy



Original Color

65.0281, 14.7171, 40.3277

Achromatopsia

60.5188, -3.2291, 3.2881

Achromatomaly

61.1853, -0.6522, 24.9996

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0281, 14.7171, 40.3277 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(236, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(236, 158, 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(236, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 158, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0281, 14.7171, 40.3277 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(236, 158, 0) }
```


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

```
.border{ border-color:rgb(236, 158, 0) }
```

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

Here you see how a box with a 4 pixel rgb(236, 158, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(236, 158,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0281, 14.7171, 40.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 158, 0) }
```

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

```
.background{ background-color: rgb(236,  
158, 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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