

Converting Colors

HunterLab(66.3645, 25.4239,
41.3386)

Have a look what the booklet for
HunterLab(66.3645, 25.4239,
41.3386) contains.

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Color

**HunterLab(66.3645, 25.4239,
41.3386)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9900
RGB	255, 153, 0
RGB Percent	100%, 60%, 0%
CMY	0.0000, 0.4000, 0.9999
CMYK	0.00, 0.40, 1.00, 0.00
HSL	36°, 100%, 50%
HSV	36°, 100%, 100%
XYZ	52.6312, 44.0425, 5.7271
YIQ	166.0560, 109.9050, -25.9590

Conversions

Conversions Part 2

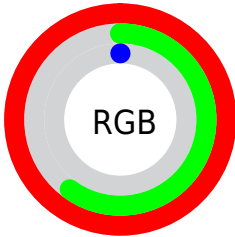
Format	Color
R_{YB}	170, 255, 0
Decimal	16750848
CIE Lab	72.26, 30.17, 77.23
CIE LCh	72, 82.913, 68.665
Yxy	44.0448, 0.5140, 0.4301
Android (android.graphics.Color)	4294940928 (0xFFFF9900)
YUV	166.0560, -81.8656, 78.0039
Hunter-Lab	66.3645, 25.4239, 41.3386

Details

The HunterLab color **66.3645, 25.4239, 41.3386** is a dark color, and the websafe version is hex **FF9900**, and the color name is **vivid gamboge**. The color can be described as middle saturated orange. A complement of this color would be **40.8946, 27.9618, -111.4750**, and the grayscale version is **62.0710, -3.3120, 3.3724**.

A 20% lighter version of the original color is **81.7970, -1.0043, 45.2961**, and **45.1483, 24.3366, 28.2462** is the 20% darker color. If you saturate the color by 10%, you get **66.3649, 25.4223, 41.3388**, and if you desaturate by 10%, it is **68.9930, 20.4075, 42.0549**.

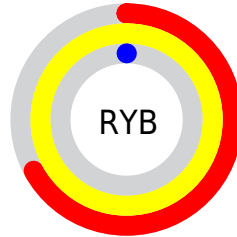
Distribution



Red (100%)

Green (60%)

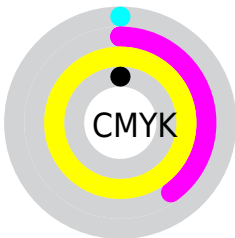
Blue (0%)



Red (67%)

Yellow (100%)

Blue (0%)

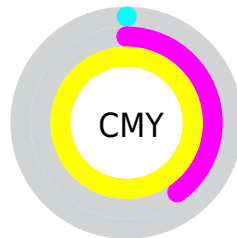


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.3645, 25.4239, 41.3386 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 66.3645, 25.4239, 41.3386 by changing the saturation by 10% instead.


 66.3645, 25.4239,
41.3386


 66.3645, 25.4239,
41.3386

190.4970, 29.4046,
81.7327


 55.4127, 24.5845,
35.9918


 90.1583, 26.8079,
51.3846


 45.1385, 23.6416,
30.4151


 102.9345, 27.3773,
56.1233

 35.5919, 22.5790,
24.9143


 116.2631, 27.8726,
60.7003

 26.8332, 21.3836,
18.7833

 130.1219, 28.2991,
65.1341

 18.9410, 20.0455,
13.2587

 144.4914, 28.6618,
69.4410

 12.0236, 18.5768,
8.4165

 159.3541, 28.9646,

 5.0002, 26.2720,

73.6352

3.5002

174.6941, 29.2111,
77.7289

0.0000, NaN, NaN

0.0000, NaN, NaN

66.3645, 25.4239,
41.3386

66.3645, 25.4239,
41.3386

66.3649, 25.4223,
41.3388

68.9930, 20.4075,
42.0549

71.7930, 15.7320,
41.9262

74.7707, 11.4844,
40.7781

77.9210, 7.6994,
38.5820

81.2367, 4.3904,

35.3521

■ 84.7098, 1.5566,
31.1277

■ 88.3313, -0.8134,
25.9621

■ 92.0928, -2.7372,
19.9156

■ 95.9856, -4.2368,
13.0506

Harmonies

Analogous

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



66.3663, 64.2762, 34.1623



66.3645, 25.4239, 41.3386



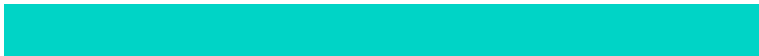
66.3663, -14.2761, 42.2493

Triad

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



66.3663, 25.4197, 41.3393



66.3663, -61.7698, -7.8285



66.3663, 48.9984, -77.6335

Complementary

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



66.3645, 25.4239, 41.3386



40.8946, 27.9618, -111.4750

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.



66.3663, 7.9151, -109.6101



66.3645, 25.4239, 41.3386



66.3663, -51.8009, -56.7269

Square

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



66.3663, 25.4197, 41.3393



66.3663, -59.1404, 24.3747



66.3663, -28.2614, -100.3306



66.3663, 79.8943, -27.2514

Rectangle

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



66.3645, 25.4239, 41.3386



66.3663, -35.2963, 40.3656



66.3663, -28.2614, -100.3306



66.3663, 35.5911, -91.8976

Sweetspot

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



66.3663, 25.4197, 41.3393



88.3298, -0.8123, 25.9651



47.1376, 82.7585, 14.6813



40.1509, 0.0608, 13.0715

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.3663, 25.4197, 41.3393



66.3652, 25.4224, 41.3390



93.9468, -34.7636, 57.2807



44.4973, -1.9893, 5.8729



48.2844, 17.7249, 30.0629



15.7605, 4.1232, 9.7837

Inverse Universe

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



40.8946, 27.9618, -111.4750



40.8928, 27.9661, -111.4833



27.2644, 73.1688, -187.6543



43.0931, -2.5133, -1.3513



30.0173, 19.1284, -78.8117



10.4121, 3.6660, -20.9282

Previews

White Background



This preview shows how the HunterLab color 66.3645, 25.4239, 41.3386 looks on a white background.

Color Contrast Check

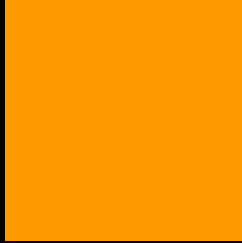
Large Text (above 18pt) WCAG AA × Fail

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 66.3645, 25.4239, 41.3386 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 66.3645, 25.4239, 41.3386 Background



This preview shows how black text looks on a background with the HunterLab color 66.3645, 25.4239, 41.3386.



This preview shows how white text looks on a background with the HunterLab color 66.3645, 25.4239,

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

66.3645, 25.4239, 41.3386

Protanopia

66.4584, -9.2496, 40.2398

Deuteranopia

66.3422, 5.1233, 40.9694



Tritanopia

66.4713, 37.9102, 13.9629

Trichromacy



Original Color

66.3645, 25.4239, 41.3386

Protanomaly

66.0440, 2.7208, 40.4314

Deuteranomaly

66.3530, 12.1737, 41.0996

Tritanomaly

66.0725, 30.9056, 30.6620

Monochromacy



Original Color

66.3645, 25.4239, 41.3386

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.0775, 2.4573, 25.2715

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.3645, 25.4239, 41.3386 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(255, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 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(255, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 66.3645, 25.4239, 41.3386 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(255, 153, 0) }
```


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

```
.border{ border-color:rgb(255, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.3645, 25.4239, 41.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 0) }
```

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

```
.background{ background-color: rgb(255,  
153, 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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