

Converting Colors

HunterLab(66.8032, 25.1780,
40.1445)

Have a look what the booklet for
HunterLab(66.8032, 25.1780,
40.1445) contains.

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Color

**HunterLab(66.7073, 25.3886,
40.0657)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9A24
RGB	255, 154, 36
RGB Percent	100%, 60%, 14%
CMY	0.0000, 0.3960, 0.8588
CMYK	0.00, 0.40, 0.86, 0.00
HSL	32°, 100%, 57%
HSV	32°, 86%, 100%
XYZ	53.1141, 44.4986, 7.4588
YIQ	170.7470, 98.0740, -15.2860

Conversions

Conversions Part 2

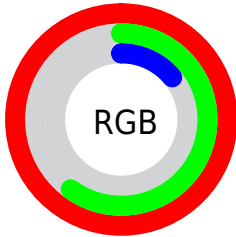
Format	Color
R _Y B	223, 255, 36
Decimal	16751140
CIE Lab	72.56, 30.11, 70.86
CIE LCh	73, 76.988, 66.979
Yxy	44.5010, 0.5055, 0.4235
Android (android.graphics.Color)	4294941220 (0xFFFF9A24)
YUV	170.7470, -66.4303, 73.8899
Hunter-Lab	66.7073, 25.3886, 40.0657

Details

The HunterLab color **66.7073, 25.3886, 40.0657** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **50.4832, 9.6775, -79.8343**, and the grayscale version is **63.9498, -3.4122, 3.4745**.

A 20% lighter version of the original color is **82.2612, -0.6106, 43.0458**, and **45.5074, 24.2660, 28.4662** is the 20% darker color. If you saturate the color by 10%, you get **63.7987, 31.0634, 39.5758**, and if you desaturate by 10%, it is **69.8499, 20.0763, 39.5844**.

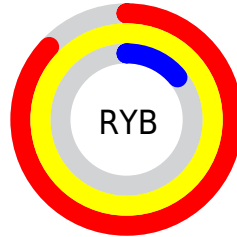
Distribution



Red (100%)

Green (60%)

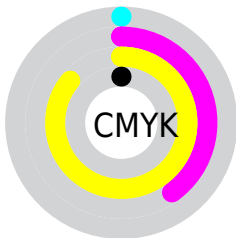
Blue (14%)



Red (87%)

Yellow (100%)

Blue (14%)

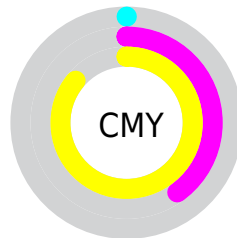


Cyan (0%)

Magenta (40%)

Yellow (86%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.7073, 25.3886, 40.0657 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 66.7073, 25.3886, 40.0657 by changing the saturation by 10% instead.

 66.7073, 25.3886,
40.0657


 66.7073, 25.3886,
40.0657


190.9840, 29.3319,
77.4353


 55.7356, 24.5547,
35.1126


 90.5379, 26.7627,
49.3491


 45.4401, 23.6178,
29.9223


 103.3313, 27.3276,
53.7257


 35.8705, 22.5615,
24.8174


 116.6762, 27.8186,
57.9546

 27.0869, 21.3728,
18.9608

 130.5508, 28.2410,
62.0539

 19.1670, 20.0415,
13.4169

 144.9356, 28.5998,
66.0391

 12.2179, 18.5781,
8.5526

 159.8130, 28.8989,

 5.3258, 24.7088,

69.9237

3.7280

175.1672, 29.1419,
73.7192

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7073, 25.3886,
40.0657

■ 66.7073, 25.3886,
40.0657

■ 63.7987, 31.0634,
39.5758

■ 69.8499, 20.0763,
39.5844

■ 62.6626, 33.4614,
39.1982

■ 73.2126, 15.2059,
38.0764


■ 76.7851, 10.8059,
35.5531


■ 80.5541, 6.8860,
32.0587

■ 84.5063, 3.4398,

27.6550

 88.6283, 0.4506,
22.4113

 92.9079, -2.1044,
16.3980

 97.3335, -4.2520,
9.6832

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



66.7091, 60.4276, 32.1320



66.7073, 25.3886, 40.0657



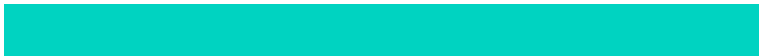
66.7091, -11.6806, 41.3282

Triad

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



66.7091, 25.3845, 40.0664



66.7091, -58.8342, -4.7780



66.7091, 42.8262, -72.1814

Complementary

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



66.7073, 25.3886, 40.0657



50.4832, 9.6775, -79.8343

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.



66.7091, 4.9624, -98.7840



66.7073, 25.3886, 40.0657



66.7091, -49.9265, -48.6369

Square

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



66.7091, 25.3845, 40.0664



66.7091, -55.6121, 24.4130



66.7091, -28.2861, -88.4455



66.7091, 71.8827, -27.1970

Rectangle

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



66.7073, 25.3886, 40.0657



66.7091, -31.8726, 39.5052



66.7091, -28.2861, -88.4455



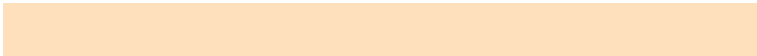
66.7091, 30.4311, -84.4118

Sweetspot

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



66.7091, 25.3845, 40.0664



88.5783, 0.4838, 22.4788



49.3587, 81.6862, 2.8695



40.3115, 0.6804, 11.2805

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.7091, 25.3845, 40.0664



62.6629, 33.4616, 39.1984



95.6810, -28.1146, 57.4314



44.2815, -1.6280, 5.6414



45.6287, 23.4435, 28.5266



14.9862, 5.6986, 9.3342

Inverse Universe

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



50.4832, 9.6775, -79.8343



44.8129, 19.0907, -97.2236



30.0037, 64.6345, -167.3322



43.3108, -2.8731, -1.0834



32.8397, 12.8519, -68.7903



11.2505, 2.0086, -18.3981

Previews

White Background



This preview shows how the HunterLab color 66.7073, 25.3886, 40.0657 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 66.7073, 25.3886, 40.0657 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 66.7073, 25.3886, 40.0657 Background



This preview shows how black text looks on a background with the HunterLab color 66.7073, 25.3886, 40.0657.



This preview shows how white text looks on a background with the HunterLab color 66.7073, 25.3886,

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

66.7073, 25.3886, 40.0657

Protanopia

66.9514, -8.8529, 39.1603

Deuteranopia

66.6769, 4.9243, 40.3032



Tritanopia

66.7291, 37.5030, 13.8286

Trichromacy



Original Color

66.7073, 25.3886, 40.0657

Protanomaly

66.5393, 3.1383, 39.2674

Deuteranomaly

66.6915, 12.0348, 40.2137

Tritanomaly

66.5151, 31.3872, 27.8716

Monochromacy



Original Color

66.7073, 25.3886, 40.0657

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

63.9312, 3.5028, 22.3797

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7073, 25.3886, 40.0657 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, 154, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 36)  
}
```

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, 154, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7073, 25.3886, 40.0657 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, 154, 36) }
```


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

```
.border{ border-color:rgb(255, 154, 36) }
```

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

Here you see how a box with a 4 pixel rgb(255, 154, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7073, 25.3886, 40.0657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 36) }
```

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

```
.background{ background-color: rgb(255,  
154, 36) }
```

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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