

Converting Colors

HunterLab(57.4182, 45.8393,
36.1312)

Have a look what the booklet for
HunterLab(57.4182, 45.8393,
36.1312) contains.

HunterLab(57.5106, 45.7186, 36.1789)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(57.5106, 45.7186,
36.1789)**

Conversions

Conversions Part 1	
Format	Color
Hex	FF7102
RGB	255, 113, 2
RGB Percent	100%, 44%, 1%
CMY	0.0000, 0.5568, 0.9921
CMYK	0.00, 0.56, 0.99, 0.00
HSL	26°, 100%, 50%
HSV	26°, 99%, 100%
XYZ	47.1562, 33.0747, 3.9561
YIQ	142.8040, 120.2630, -4.4170

Conversions

Conversions Part 2

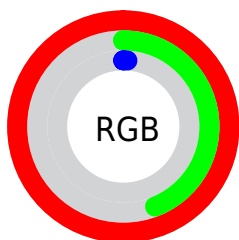
Format	Color
RYB	255, 200, 2
Decimal	16740610
CIELab	64.22, 50.04, 72.07
CIELCh	64, 87.738, 55.227
Yxy	33.0766, 0.5601, 0.3929
Android (android.graphics.Color)	4294930690 (0xFFFF7102)
YUV	142.8040, -69.4164, 98.3959
Hunter-Lab	57.5106, 45.7186, 36.1789

Details

The HunterLab color **57.5106, 45.7186, 36.1789** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **52.1336, 4.8000, -75.3853**, and the grayscale version is **52.5684, -2.8049, 2.8561**.

A 20% lighter version of the original color is **70.5125, 19.3269, 38.7754**, and **37.5168, 42.8212, 23.8673** is the 20% darker color. If you saturate the color by 10%, you get **57.2906, 46.2441, 36.1118**, and if you desaturate by 10%, it is **60.5005, 38.9125, 36.9147**.

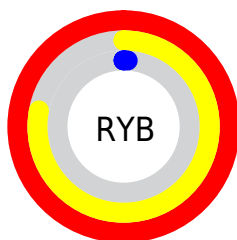
Distribution



Red (100%)

Green (44%)

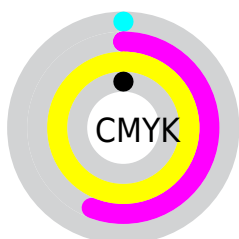
Blue (1%)



Red (100%)

Yellow (78%)

Blue (1%)

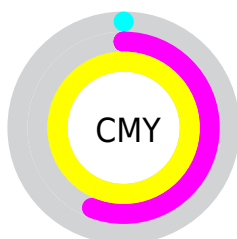


Cyan (0%)

Magenta (56%)

Yellow (99%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 57.5106, 45.7186, 36.1789 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 57.5106, 45.7186, 36.1789 by changing the saturation by 10% instead.


 57.5106, 45.7186,
36.1789


 57.5106, 45.7186,
36.1789


177.7624, 56.5138,
75.1564


 47.1011, 44.0292,
30.9547


 80.3088, 48.7535,
45.9470


 37.4072, 42.2334,
25.7223


 92.6233, 50.1188,
50.5331

 28.4882, 40.3391,
19.9417


 105.5100, 51.3894,
54.9514

 20.4184, 38.3939,
14.2929

 118.9443, 52.5711,
59.2226

 13.2989, 36.5555,
9.3092

 132.9050, 53.6696,
63.3644


 6.8374, 39.3091,
4.7862

 147.3727, 54.6899,


0.0000, INF, NaN


67.3921


0.0000, NaN, NaN

 162.3303, 55.6366,
71.3190


0.0000, NaN, NaN

 57.5106, 45.7186,
36.1789


 57.5106, 45.7186,
36.1789


 57.2906, 46.2441,
36.1118

 60.5005, 38.9125,
36.9147

 63.8387, 32.2844,
36.7732

 67.5097, 25.9923,
35.6397

 71.4878, 20.1218,
33.5388

 75.7468, 14.7141,
30.5368

80.2610, 9.7800,
26.7171

85.0063, 5.3092,
22.1666

89.9613, 1.2793,
16.9684

95.1064, -2.3390,
11.1978

Harmonies

Analogous

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



57.5122, 80.7207, 25.8366



57.5106, 45.7186, 36.1789



57.5122, 3.2392, 38.4103

Triad

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



57.5122, 45.7138, 36.1796



57.5122, -59.9504, 8.7043



57.5122, 32.1317, -104.4784

Complementary

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



57.5106, 45.7186, 36.1789



52.1336, 4.8000, -75.3853

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.



57.5122, -9.1219, -121.1667



57.5106, 45.7186, 36.1789



57.5122, -56.0195, -35.8589

Square

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



57.5122, 45.7138, 36.1796



57.5122, -52.2497, 30.6064



57.5122, -39.5976, -90.4004



57.5122, 71.5381, -53.5014

Rectangle

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



57.5106, 45.7186, 36.1789



57.5122, -21.3088, 38.0910



57.5122, -39.5976, -90.4004



57.5122, 17.7654, -115.2841

Sweetspot

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



57.5122, 45.7138, 36.1796



84.6249, 5.6451, 22.5498



48.3314, 86.7905, -1.7448



38.2166, 3.4651, 11.3486

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.5122, 45.7138, 36.1796



57.2908, 46.2443, 36.1119



90.8245, -17.7064, 55.6180



43.9300, -1.0357, 5.2622



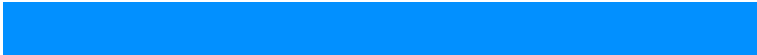
41.7561, 32.5673, 26.3001



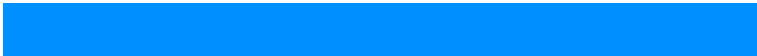
13.8229, 8.2570, 8.6622

Inverse Universe

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



52.1336, 4.8000, -75.3853



51.8656, 5.2218, -76.0999



27.7389, 69.2551, -183.9116



43.6684, -3.4603, -0.6464



37.8929, 3.0496, -53.9461



12.7113, -0.5835, -14.6284

Previews

White Background



This preview shows how the HunterLab color 57.5106, 45.7186, 36.1789 looks on a white background.

Color Contrast Check

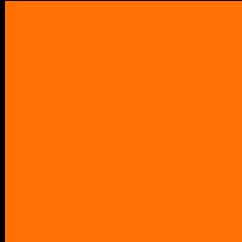
Large Text (above 18pt) WCAG AA × Fail

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 57.5106, 45.7186, 36.1789 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 57.5106, 45.7186, 36.1789 Background



This preview shows how black text looks on a background with the HunterLab color 57.5106, 45.7186, 36.1789.



This preview shows how white text looks on a background with the HunterLab color 57.5106, 45.7186,

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

57.5106, 45.7186, 36.1789

Protanopia

57.8014, -8.1174, 34.5884

Deuteranopia

57.4892, 3.7687, 35.4906



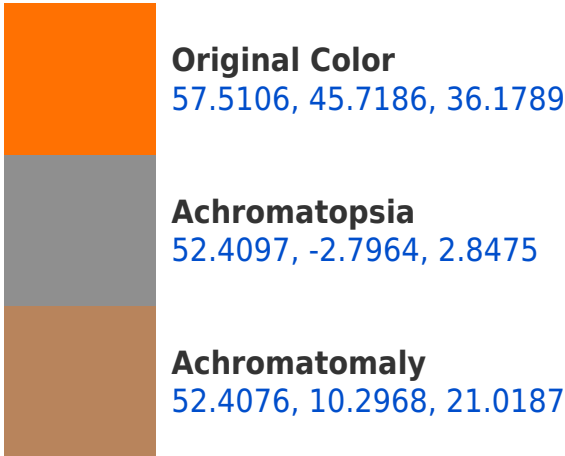
Tritanopia

57.6195, 52.9457, 20.0506

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.5106, 45.7186, 36.1789 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, 113, 2)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 2)  
}
```

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, 113, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 57.5106, 45.7186, 36.1789 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, 113, 2) }
```


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

```
.border{ border-color:rgb(255, 113, 2) }
```

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

Here you see how a box with a 4 pixel rgb(255, 113, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 2);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
2) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.5106, 45.7186, 36.1789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 2) }
```

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

```
.background{ background-color: rgb(255,  
113, 2) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor