

Converting Colors

HunterLab(57.3900, 45.9942,
36.1687)

Have a look what the booklet for
HunterLab(57.3900, 45.9942,
36.1687) contains.

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Color

**HunterLab(57.3135, 46.1870,
36.1249)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7000
RGB	255, 112, 0
RGB Percent	100%, 44%, 0%
CMY	0.0000, 0.5607, 1.0000
CMYK	0.00, 0.56, 1.00, 0.00
HSL	26°, 100%, 50%
HSV	26°, 100%, 100%
XYZ	47.0342, 32.8484, 3.8614
YIQ	141.9890, 121.1800, -4.5160

Conversions

Conversions Part 2

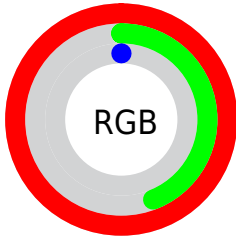
Format	Color
R_{YB}	255, 200, 0
Decimal	16740352
CIE _{Lab}	64.04, 50.49, 72.29
CIE _{LCh}	64, 88.173, 55.068
Yxy	32.8502, 0.5616, 0.3923
Android (android.graphics.Color)	4294930432 (0xFFFF7000)
YUV	141.9890, -70.0006, 99.1106
Hunter-Lab	57.3135, 46.1870, 36.1249

Details

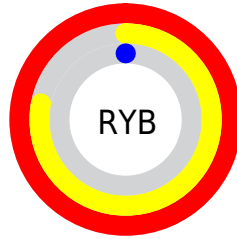
The HunterLab color **57.3135, 46.1870, 36.1249** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **51.8306, 5.2853, -76.1925**, and the grayscale version is **52.2439, -2.7876, 2.8385**.

A 20% lighter version of the original color is **70.2422, 19.8012, 38.7387**, and **37.3808, 43.2105, 23.7904** is the 20% darker color. If you saturate the color by 10%, you get **57.3143, 46.1842, 36.1253**, and if you desaturate by 10%, it is **60.2769, 39.3871, 36.8987**.

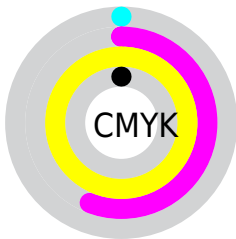
Distribution



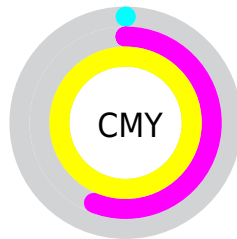
- Red (100%)
- Green (44%)
- Blue (0%)



- Red (100%)
- Yellow (78%)
- Blue (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.3135, 46.1870, 36.1249 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 57.3135, 46.1870, 36.1249 by changing the saturation by 10% instead.

57.3135, 46.1870,
36.1249

57.3135, 46.1870,
36.1249

177.4752, 57.1301,
75.2311

46.9167, 44.4805,
30.8830

80.0885, 49.2566,
45.9271

37.2364, 42.6684,
25.6600

92.3923, 50.6391,
50.5290

28.3323, 40.7600,
19.8326

105.2686, 51.9265,
54.9624

20.2789, 38.8061,
14.1953

118.6932, 53.1247,
59.2477

13.1780, 36.9733,
9.2246

132.6443, 54.2394,
63.4029

6.6872, 40.3323,
4.6811

147.1029, 55.2755,

0.0000, INF, NaN

67.4433

0.0000, NaN, NaN

162.0517, 56.2377,
71.3823

0.0000, NaN, NaN

57.3135, 46.1870,
36.1249

57.3135, 46.1870,
36.1249

57.3143, 46.1842,
36.1253

60.2769, 39.3871,
36.8987

63.5872, 32.7431,
36.8343

67.2314, 26.4267,
35.7787

71.1844, 20.5272,
33.7514

75.4199, 15.0890,
30.8165

79.9120, 10.1243,
27.0566

84.6369, 5.6243,
22.5585

89.5727, 1.5673,
17.4056

94.6999, -2.0756,
11.6740

Harmonies

Analogous

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



57.3151, 81.3129, 25.7689



57.3135, 46.1870, 36.1249



57.3151, 3.4903, 38.3445

Triad

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



57.3151, 46.1822, 36.1256



57.3151, -60.0331, 8.8884



57.3151, 32.0722, -105.4766

Complementary

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



57.3135, 46.1870, 36.1249



51.8306, 5.2853, -76.1925

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.



57.3151, -9.3311, -122.0665



57.3135, 46.1870, 36.1249



57.3151, -56.1672, -35.7993

Square

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



57.3151, 46.1822, 36.1256



57.3151, -52.2725, 30.6849



57.3151, -39.8097, -90.8019



57.3151, 71.7645, -54.1609

Rectangle

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



57.3135, 46.1870, 36.1249



57.3151, -21.1843, 38.0413



57.3151, -39.8097, -90.8019



57.3151, 17.6374, -116.3080

Sweetspot

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



57.3151, 46.1822, 36.1256



84.6359, 5.6256, 22.5600



48.2587, 86.8480, -1.4078



38.2223, 3.4548, 11.3538

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.3151, 46.1822, 36.1256



57.3145, 46.1844, 36.1255



90.7792, -17.6549, 55.6285



43.9317, -1.0386, 5.2640



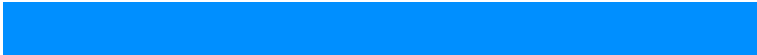
41.7733, 32.5244, 26.3099



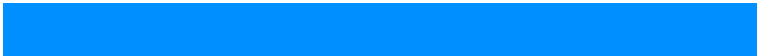
13.8282, 8.2447, 8.6652

Inverse Universe

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



51.8306, 5.2853, -76.1925



51.8298, 5.2868, -76.1955



27.6063, 69.6950, -184.9560



43.6666, -3.4574, -0.6485



37.8673, 3.0956, -54.0134



12.7040, -0.5713, -14.6456

Previews

White Background



This preview shows how the HunterLab color 57.3135, 46.1870, 36.1249 looks on a white background.

Color Contrast Check

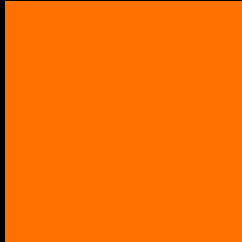
Large Text (above 18pt) WCAG AA × Fail

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 57.3135, 46.1870, 36.1249 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 57.3135, 46.1870, 36.1249 Background



This preview shows how black text looks on a background with the HunterLab color 57.3135, 46.1870, 36.1249.



This preview shows how white text looks on a background with the HunterLab color 57.3135, 46.1870,

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

57.3135, 46.1870, 36.1249

Protanopia

57.4080, -8.0161, 34.3418

Tritanopia

57.4175, 53.3382, 20.1819

Trichromacy



Original Color

57.3135, 46.1870, 36.1249

Protanomaly

56.2388, 10.6591, 34.3642

Tritanomaly

57.1534, 49.5137, 29.7244

Monochromacy



Original Color

57.3135, 46.1870, 36.1249

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.9981, 10.2377, 21.1909

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.3135, 46.1870, 36.1249 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, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 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, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 57.3135, 46.1870, 36.1249 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, 112, 0) }
```

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

```
.border{ border-color:rgb(255, 112, 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, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
0) }
```


Background

The CSS property to change the background color of an element to HunterLab 57.3135, 46.1870, 36.1249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 0) }
```

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

```
.background{ background-color: rgb(255,  
112, 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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