

Converting Colors

HunterLab(57.6084, 45.4462,
36.2936)

Have a look what the booklet for
HunterLab(57.6084, 45.4462,
36.2936) contains.

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Color

**HunterLab(57.7015, 45.2132,
36.3469)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7200
RGB	255, 114, 0
RGB Percent	100%, 45%, 0%
CMY	0.0000, 0.5529, 1.0000
CMYK	0.00, 0.55, 1.00, 0.00
HSL	27°, 100%, 50%
HSV	27°, 100%, 100%
XYZ	47.2573, 33.2946, 3.9358
YIQ	143.1630, 120.6300, -5.5620

Conversions

Conversions Part 2

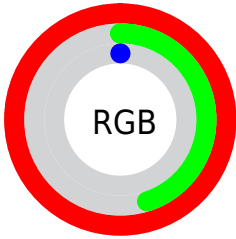
Format	Color
R _Y B	255, 206, 0
Decimal	16740864
CIE Lab	64.40, 49.56, 72.49
CIE LCh	64, 87.810, 55.642
Yxy	33.2965, 0.5593, 0.3941
Android (android.graphics.Color)	4294930944 (0xFFFF7200)
YUV	143.1630, -70.5794, 98.0810
Hunter-Lab	57.7015, 45.2132, 36.3469

Details

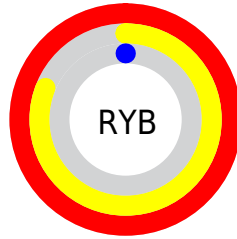
The HunterLab color **57.7015, 45.2132, 36.3469** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **51.2537, 6.3397, -77.7476**, and the grayscale version is **52.7166, -2.8128, 2.8642**.

A 20% lighter version of the original color is **70.7659, 18.7597, 39.0793**, and **37.6548, 42.4278, 23.9455** is the 20% darker color. If you saturate the color by 10%, you get **57.7022, 45.2108, 36.3473**, and if you desaturate by 10%, it is **60.6621, 38.4784, 37.1260**.

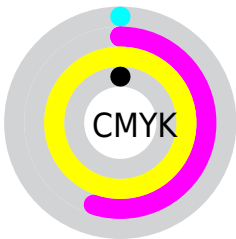
Distribution



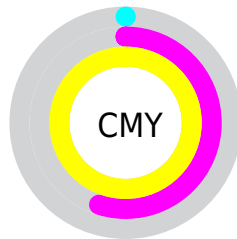
- Red (100%)
- Green (45%)
- Blue (0%)



- Red (100%)
- Yellow (81%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.7015, 45.2132, 36.3469 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 57.7015, 45.2132, 36.3469 by changing the saturation by 10% instead.

57.7015, 45.2132,
36.3469

57.7015, 45.2132,
36.3469

178.0404, 55.8508,
75.5036

47.2797, 43.5422,
31.1013

80.5222, 48.2110,
46.1581

37.5726, 41.7638,
25.8526

92.8471, 49.5581,
50.7653

28.6393, 39.8848,
20.0475

105.7436, 50.8107,
55.2043

20.5537, 37.9495,
14.3876

119.1875, 51.9749,
59.4955

13.4162, 36.1068,
9.3913

133.1573, 53.0561,
63.6567

6.9795, 38.3272,
4.8857

147.6339, 54.0595,

0.0000, INF, NaN

67.7033

0.0000, NaN, NaN

162.6001, 54.9897,
71.6484

0.0000, NaN, NaN

57.7015, 45.2132,
36.3469

57.7015, 45.2132,
36.3469

57.7022, 45.2108,
36.3473

60.6621, 38.4784,
37.1260

63.9585, 31.9180,
37.0654

67.5788, 25.6965,
36.0112

71.4994, 19.8980,
33.9803

75.6949, 14.5635,
31.0343

■ 80.1410, 9.7035,
27.2537

■ 84.8145, 5.3084,
22.7241

■ 89.6947, 1.3564,
17.5279

■ 94.7625, -2.1814,
11.7410

Harmonies

Analogous

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



57.7031, 80.4981, 26.1451



57.7015, 45.2132, 36.3469



57.7031, 2.6826, 38.5300

Triad

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



57.7031, 45.2085, 36.3476



57.7031, -60.1157, 8.2656



57.7031, 32.7818, -104.0614

Complementary

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



57.7015, 45.2132, 36.3469



51.2537, 6.3397, -77.7476

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.



57.7031, -8.6288, -121.4163



57.7015, 45.2132, 36.3469



57.7031, -56.0123, -36.6585

Square

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



57.7031, 45.2085, 36.3476



57.7031, -52.5611, 30.5121



57.7031, -39.3609, -91.1861



57.7031, 72.0976, -52.7958

Rectangle

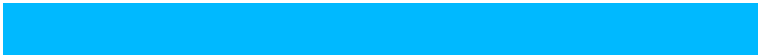
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.7015, 45.2132, 36.3469



57.7031, -21.8071, 38.1824



57.7031, -39.3609, -91.1861



57.7031, 18.3846, -115.0667

Sweetspot

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



57.7031, 45.2085, 36.3476



84.8133, 5.3099, 22.7259



48.2587, 86.8479, -1.4080



38.3147, 3.2883, 11.4373

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.7031, 45.2085, 36.3476



57.7024, 45.2110, 36.3474



90.7793, -17.6550, 55.6285



43.9591, -1.0851, 5.2937



42.0540, 31.8276, 26.4707



13.9144, 8.0464, 8.7148

Inverse Universe

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



51.2537, 6.3397, -77.7476



51.2527, 6.3416, -77.7512



27.6064, 69.6946, -184.9552



43.6386, -3.4115, -0.6827



37.4546, 3.8413, -55.1074



12.5860, -0.3734, -14.9253

Previews

White Background



This preview shows how the HunterLab color 57.7015, 45.2132, 36.3469 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 57.7015, 45.2132, 36.3469 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 57.7015, 45.2132, 36.3469 Background



This preview shows how black text looks on a background with the HunterLab color 57.7015, 45.2132, 36.3469.



This preview shows how white text looks on a background with the HunterLab color 57.7015, 45.2132,

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

57.7015, 45.2132, 36.3469

Protanopia

57.8014, -8.1174, 34.5884

Deuteranopia

57.8798, 3.6772, 35.7296



Tritanopia

57.8231, 52.5521, 19.9192

Trichromacy



Original Color

57.7015, 45.2132, 36.3469

Protanomaly

56.6245, 10.5706, 34.6036

Deuteranomaly

57.1563, 18.7061, 35.5469

Tritanomaly

57.5412, 48.5989, 29.8125

Monochromacy



Original Color

57.7015, 45.2132, 36.3469

Achromatopsia

52.4097, -2.7964, 2.8475

Achromatomaly

52.3910, 10.2101, 21.2610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.7015, 45.2132, 36.3469 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, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 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, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 57.7015, 45.2132, 36.3469 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, 114, 0) }
```


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

```
.border{ border-color:rgb(255, 114, 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, 114, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.7015, 45.2132, 36.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 0) }
```

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

```
.background{ background-color: rgb(255,  
114, 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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