

Converting Colors

HunterLab(58.3880, 43.5111,
36.7402)

Have a look what the booklet for
HunterLab(58.3880, 43.5111,
36.7402) contains.

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Color

**HunterLab(58.2946, 43.7413,
36.6866)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7500
RGB	255, 117, 0
RGB Percent	100%, 46%, 0%
CMY	0.0000, 0.5411, 1.0000
CMYK	0.00, 0.54, 1.00, 0.00
HSL	28°, 100%, 50%
HSV	28°, 100%, 100%
XYZ	47.6013, 33.9826, 4.0505
YIQ	144.9240, 119.8050, -7.1310

Conversions

Conversions Part 2

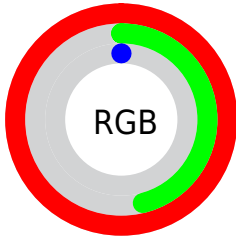
Format	Color
R _Y B	255, 216, 0
Decimal	16741632
CIE Lab	64.95, 48.15, 72.80
CIE LCh	65, 87.282, 56.523
Yxy	33.9845, 0.5559, 0.3968
Android (android.graphics.Color)	4294931712 (0xFFFF7500)
YUV	144.9240, -71.4475, 96.5367
Hunter-Lab	58.2946, 43.7413, 36.6866

Details

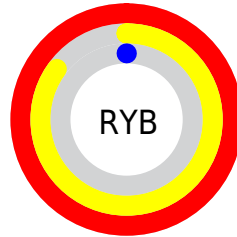
The HunterLab color **58.2946, 43.7413, 36.6866** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **50.3952, 7.9325, -80.1130**, and the grayscale version is **53.4270, -2.8507, 2.9028**.

A 20% lighter version of the original color is **71.5681, 17.2449, 39.4633**, and **38.2282, 40.8156, 24.2706** is the 20% darker color. If you saturate the color by 10%, you get **58.2952, 43.7390, 36.6870**, and if you desaturate by 10%, it is **61.2482, 37.1099, 37.4721**.

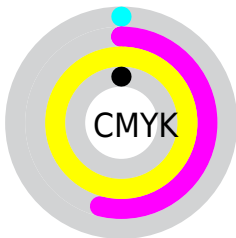
Distribution



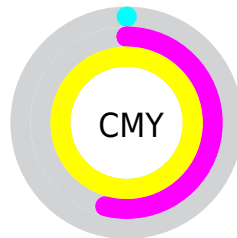
- Red (100%)
- Green (46%)
- Blue (0%)



- Red (100%)
- Yellow (85%)
- Blue (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.2946, 43.7413, 36.6866 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 58.2946, 43.7413, 36.6866 by changing the saturation by 10% instead.

58.2946, 43.7413,
36.6866

58.2946, 43.7413,
36.6866

178.9030, 53.9126,
75.9216

47.8348, 42.1251,
31.4351

81.1847, 46.6291,
46.5120

38.0870, 40.3993,
26.1495

93.5418, 47.9221,
51.1274

29.1094, 38.5670,
20.3766

106.4690, 49.1216,
55.5750

20.9748, 36.6638,
14.6824

119.9424, 50.2338,
59.8753

13.7819, 34.8144,
9.6473

133.9405, 51.2641,
64.0459

7.4029, 35.7000,
5.1820

148.4444, 52.2178,


0.0000, INF, NaN


68.1020


0.0000, NaN, NaN


 163.4371, 53.0992,
72.0568


0.0000, NaN, NaN


 58.2946, 43.7413,
36.6866


 58.2946, 43.7413,
36.6866


 58.2952, 43.7390,
36.6870

 61.2482, 37.1099,
37.4721

 64.5214, 30.6785,
37.4159

 68.1041, 24.6011,
36.3625

 71.9744, 18.9547,
34.3253

 76.1091, 13.7759,
31.3620

80.4853, 9.0729,
27.5501

85.0813, 4.8351,
22.9730

89.8776, 1.0403,
17.7118

94.8563, -2.3398,
11.8419

Harmonies

Analogous

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



58.2962, 79.2698, 26.7170



58.2946, 43.7413, 36.6866



58.2962, 1.4569, 38.8102

Triad

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



58.2962, 43.7366, 36.6873



58.2962, -60.2404, 7.2953



58.2962, 33.8703, -101.9437

Complementary

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



58.2946, 43.7413, 36.6866



50.3952, 7.9325, -80.1130

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.



58.2962, -7.5476, -120.4466



58.2946, 43.7413, 36.6866



58.2962, -55.7691, -37.9798

Square

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



58.2962, 43.7366, 36.6873



58.2962, -53.0036, 30.2296



58.2962, -38.6656, -91.7791



58.2962, 72.6104, -50.7526

Rectangle

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



58.2946, 43.7413, 36.6866



58.2962, -22.7559, 38.3905



58.2962, -38.6656, -91.7791



58.2962, 19.5318, -113.2095

Sweetspot

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



58.2962, 43.7366, 36.6873



85.0800, 4.8365, 22.9748



48.1259, 86.3658, 0.4794



38.4536, 3.0386, 11.5627

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.2962, 43.7366, 36.6873



58.2954, 43.7391, 36.6871



92.1482, -19.7229, 56.4358



44.0004, -1.1547, 5.3383



42.4827, 30.7748, 26.7164



14.0453, 7.7478, 8.7903

Inverse Universe

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



50.3952, 7.9325, -80.1130



50.3942, 7.9346, -80.1168



27.3893, 70.6212, -186.6839



43.5964, -3.3426, -0.7340



36.8405, 4.9674, -56.7707



12.4101, -0.0749, -15.3499

Previews

White Background



This preview shows how the HunterLab color 58.2946, 43.7413, 36.6866 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 58.2946, 43.7413, 36.6866 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 58.2946, 43.7413, 36.6866 Background



This preview shows how black text looks on a background with the HunterLab color 58.2946, 43.7413, 36.6866.



This preview shows how white text looks on a background with the HunterLab color 58.2946, 43.7413,

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

58.2946, 43.7413, 36.6866

Protanopia

58.2928, -7.8778, 34.9574

Deuteranopia

58.3884, 3.9809, 36.0484



Tritanopia

58.2554, 51.8537, 19.3605

Trichromacy



Original Color

58.2946, 43.7413, 36.6866

Protanomaly

57.2724, 9.9866, 34.9979

Deuteranomaly

57.7863, 18.1194, 35.9249

Tritanomaly

57.9467, 47.7319, 29.7312

Monochromacy



Original Color

58.2946, 43.7413, 36.6866

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

53.3057, 9.1937, 21.7457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.2946, 43.7413, 36.6866 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, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 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, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.2946, 43.7413, 36.6866 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, 117, 0) }
```


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

```
.border{ border-color:rgb(255, 117, 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, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.2946, 43.7413, 36.6866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 0) }
```

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

```
.background{ background-color: rgb(255,  
117, 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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