

Converting Colors

HunterLab(59.0946, 41.7863,
37.1454)

Have a look what the booklet for
HunterLab(59.0946, 41.7863,
37.1454) contains.

HunterLab(59.1056, 41.7597, 37.1517)	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(59.1056, 41.7597,
37.1517)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7900
RGB	255, 121, 0
RGB Percent	100%, 47%, 0%
CMY	0.0000, 0.5255, 1.0000
CMYK	0.00, 0.53, 1.00, 0.00
HSL	28°, 100%, 50%
HSV	28°, 100%, 100%
XYZ	48.0774, 34.9347, 4.2091
YIQ	147.2720, 118.7050, -9.2230

Conversions

Conversions Part 2

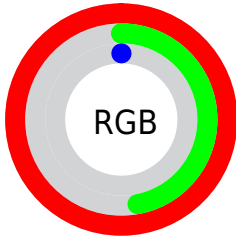
Format	Color
R_{YB}	255, 230, 0
Decimal	16742656
CIE Lab	65.70, 46.24, 73.23
CIE LCh	66, 86.607, 57.734
Yxy	34.9367, 0.5512, 0.4005
Android (android.graphics.Color)	4294932736 (0xFFFF7900)
YUV	147.2720, -72.6051, 94.4775
Hunter-Lab	59.1056, 41.7597, 37.1517

Details

The HunterLab color **59.1056, 41.7597, 37.1517** 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 **49.2643, 10.0764, -83.3275**, and the grayscale version is **54.3765, -2.9014, 2.9544**.

A 20% lighter version of the original color is **72.6399, 15.1658, 40.1602**, and **38.8348, 39.1459, 24.6151** is the 20% darker color. If you saturate the color by 10%, you get **59.1064, 41.7570, 37.1521**, and if you desaturate by 10%, it is **62.0447, 35.2762, 37.9427**.

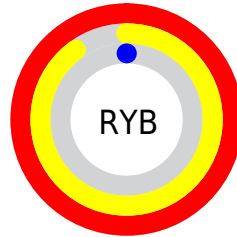
Distribution



Red (100%)

Green (47%)

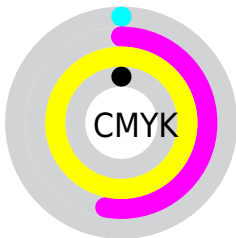
Blue (0%)



Red (100%)

Yellow (90%)

Blue (0%)

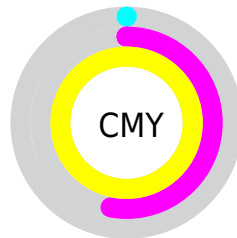


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.1056, 41.7597, 37.1517 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 59.1056, 41.7597, 37.1517 by changing the saturation by 10% instead.

59.1056, 41.7597,
37.1517

59.1056, 41.7597,
37.1517

180.0802, 51.2949,
76.4959

48.5943, 40.2193,
31.8918

82.0900, 44.4964,
46.9971

38.7912, 38.5672,
26.5598

94.4907, 45.7156,
51.6239

29.7537, 36.8020,
20.8276

107.4596, 46.8427,
56.0838

21.5529, 34.9493,
15.0871

120.9730, 47.8840,
60.3967

14.2853, 33.1056,
9.9997

135.0096, 48.8451,
64.5802

7.9432, 32.7531,
5.5603

149.5507, 49.7311,

0.0000, INF, NaN

68.6496

0.0000, NaN, NaN

164.5793, 50.5463,
72.6177

0.0000, NaN, NaN

59.1056, 41.7597,
37.1517

59.1056, 41.7597,
37.1517

59.1064, 41.7570,
37.1521

62.0447, 35.2762,
37.9427

65.2827, 29.0225,
37.8898

68.8119, 23.1402,
36.8354

72.6128, 17.6979,
34.7880

76.6644, 12.7270,
31.8004

80.9459, 8.2331,
27.9461

85.4377, 4.2046,
23.3053

90.1216, 0.6194,
17.9574

94.9810, -2.5508,
11.9768

Harmonies

Analogous

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



59.1072, 77.6217, 27.4931



59.1056, 41.7597, 37.1517



59.1072, -0.2025, 39.1867

Triad

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



59.1072, 41.7551, 37.1524



59.1072, -60.4076, 5.9336



59.1072, 35.3653, -99.1329

Complementary

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



59.1056, 41.7597, 37.1517



49.2643, 10.0764, -83.3275

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.



59.1072, -6.0545, -119.1654



59.1056, 41.7597, 37.1517



59.1072, -55.4241, -39.8015

Square

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



59.1072, 41.7551, 37.1524



59.1072, -53.6110, 29.8078



59.1072, -37.6970, -92.5998



59.1072, 73.3179, -48.0397

Rectangle

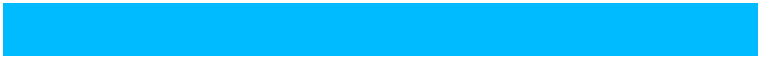
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.1056, 41.7597, 37.1517



59.1072, -24.0472, 38.6602



59.1072, -37.6970, -92.5998



59.1072, 21.1096, -110.7446

Sweetspot

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



59.1072, 41.7551, 37.1524



85.4367, 4.2058, 23.3069



47.9976, 85.8999, 2.3057



38.6395, 2.7060, 11.7300

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.1072, 41.7551, 37.1524



59.1066, 41.7572, 37.1523



93.5284, -21.7815, 57.2503



44.0554, -1.2476, 5.3978



43.0685, 29.3585, 27.0526



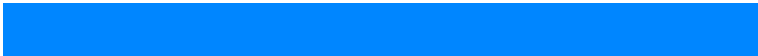
14.2230, 7.3482, 8.8928

Inverse Universe

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



49.2643, 10.0764, -83.3275



49.2634, 10.0782, -83.3310



27.2115, 71.3882, -188.1176



43.5403, -3.2506, -0.8024



36.0312, 6.4826, -59.0299



12.1776, 0.3263, -15.9253

Previews

White Background



This preview shows how the HunterLab color 59.1056, 41.7597, 37.1517 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 59.1056, 41.7597, 37.1517 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 59.1056, 41.7597, 37.1517 Background



This preview shows how black text looks on a background with the HunterLab color 59.1056, 41.7597, 37.1517.



This preview shows how white text looks on a background with the HunterLab color 59.1056, 41.7597,

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

59.1056, 41.7597, 37.1517

Protanopia

59.0820, -8.0802, 35.4511

Deuteranopia

59.1718, 3.7975, 36.5279



Tritanopia

59.0987, 50.2644, 18.8244

Trichromacy



Original Color

59.1056, 41.7597, 37.1517

Protanomaly

58.1873, 8.9069, 35.5502

Deuteranomaly

58.6702, 17.0276, 36.4504

Tritanomaly

58.7645, 45.9305, 29.7423

Monochromacy



Original Color

59.1056, 41.7597, 37.1517

Achromatopsia

54.0158, -2.8821, 2.9348

Achromatomaly

54.2441, 8.2639, 21.9949

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.1056, 41.7597, 37.1517 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, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 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, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 59.1056, 41.7597, 37.1517 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, 121, 0) }
```


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

```
.border{ border-color:rgb(255, 121, 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, 121, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.1056, 41.7597, 37.1517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 0) }
```

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

```
.background{ background-color: rgb(255,  
121, 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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