

Converting Colors

HunterLab(50.4017, 53.2433,
31.5415)

Have a look what the booklet for
HunterLab(50.4017, 53.2433,
31.5415) contains.

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Color

**HunterLab(50.4017, 53.2433,
31.5415)**

Conversions

Conversions Part 1

Format	Color
Hex	F2550D
RGB	242, 85, 13
RGB Percent	95%, 33%, 5%
CMY	0.0510, 0.6666, 0.9490
CMYK	0.00, 0.65, 0.95, 0.05
HSL	19°, 90%, 50%
HSV	19°, 95%, 95%
XYZ	39.9391, 25.4033, 3.1791
YIQ	123.7350, 116.6840, 10.8920

Conversions

Conversions Part 2

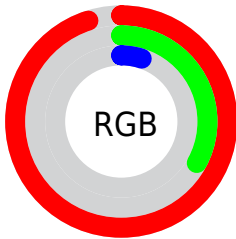
Format	Color
R _Y B	242, 118, 13
Decimal	15881485
CIE Lab	57.47, 57.83, 65.08
CIE LCh	57, 87.065, 48.374
Yxy	25.4048, 0.5829, 0.3707
Android (android.graphics.Color)	4294071565 (0xFFFF2550D)
YUV	123.7350, -54.5924, 103.7184
Hunter-Lab	50.4017, 53.2433, 31.5415

Details

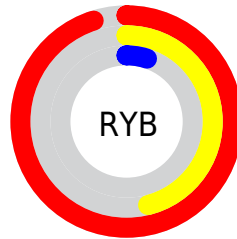
The HunterLab color **50.4017, 53.2433, 31.5415** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **59.3658, -11.9842, -47.5254**, and the grayscale version is **44.9677, -2.3994, 2.4432**.

A 20% lighter version of the original color is **63.8472, 33.3722, 34.3909**, and **31.3806, 49.6428, 20.2057** is the 20% darker color. If you saturate the color by 10%, you get **49.0502, 56.8479, 31.2197**, and if you desaturate by 10%, it is **53.3258, 46.1539, 31.7024**.

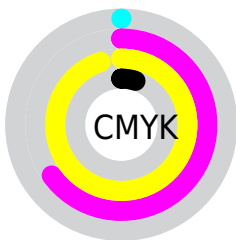
Distribution



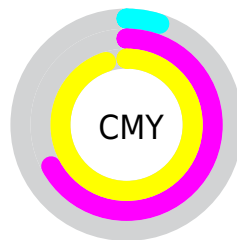
- Red (95%)
- Green (33%)
- Blue (5%)



- Red (95%)
- Yellow (46%)
- Blue (5%)



- Cyan (0%)
- Magenta (65%)
- Yellow (95%)
- Black (5%)



- Cyan (5%)
- Magenta (67%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4017, 53.2433, 31.5415 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 50.4017, 53.2433, 31.5415 by changing the saturation by 10% instead.

50.4017, 53.2433,
31.5415

50.4017, 53.2433,
31.5415

167.2866, 66.8466,
67.9726

40.4709, 51.2410,
26.5907

72.3278, 56.9330,
40.7368

31.2932, 49.1679,
21.9053

84.2404, 58.6246,
45.0316

22.9384, 47.0828,
16.0569

96.7434, 60.2164,
49.1598

15.4972, 45.1673,
10.8480

109.8103, 61.7131,
53.1434

9.0924, 44.0791,
6.3647

123.4177, 63.1197,
57.0016

0.0000, INF, NaN

0.0000, INF, NaN

137.5449, 64.4411,

60.7505

0.0000, NaN, NaN

152.1734, 65.6819,
64.4037

0.0000, NaN, NaN

50.4017, 53.2433,
31.5415

50.4017, 53.2433,
31.5415

49.0502, 56.8479,
31.2197

53.3258, 46.1539,
31.7024

56.7629, 38.9413,
30.9876

60.6709, 31.8544,
29.4207

65.0013, 25.0575,
27.0876

69.7063, 18.6413,
24.0941

74.7420, 12.6429,
20.5440

80.0694, 7.0643,
16.5293

85.6547, 1.8865,
12.1275

91.4689, -2.9201,
7.4014

Harmonies

Analogous

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



50.4032, 83.2295, 19.6419



50.4017, 53.2433, 31.5415



50.4032, 12.3243, 34.1470

Triad

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



50.4032, 53.2385, 31.5422



50.4032, -54.8433, 14.4787



50.4032, 21.5234, -111.4992

Complementary

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



50.4017, 53.2433, 31.5415



59.3658, -11.9842, -47.5254

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.



50.4032, -16.1333, -117.1504



50.4017, 53.2433, 31.5415



50.4032, -53.6829, -23.3193

Square

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



50.4032, 53.2385, 31.5422



50.4032, -45.3219, 30.0607



50.4032, -41.5089, -77.5919



50.4032, 61.6085, -65.2731

Rectangle

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



50.4017, 53.2433, 31.5415



50.4032, -12.5580, 34.2176



50.4032, -41.5089, -77.5919



50.4032, 7.9964, -119.0093

Sweetspot

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



50.4032, 53.2385, 31.5422



82.9887, 9.4911, 19.0625



47.1103, 85.5360, -19.4219



37.2659, 5.5816, 9.6672

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.4032, 53.2385, 31.5422



51.9849, 60.5283, 33.0925



76.4698, -1.9942, 46.7901



40.7061, -0.2920, 4.4682



36.2494, 40.8145, 23.0512



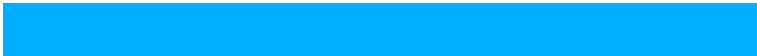
11.2458, 9.6365, 7.0983

Inverse Universe

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



59.3658, -11.9842, -47.5254



61.4886, -10.8075, -53.5251



30.9904, 47.9855, -140.7776



41.2815, -3.9077, -0.0833



42.8157, -7.9987, -36.2490



13.0472, -3.3487, -9.0791

Previews

White Background



This preview shows how the HunterLab color 50.4017, 53.2433, 31.5415 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4017, 53.2433, 31.5415 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.4017, 53.2433, 31.5415 Background



This preview shows how black text looks on a background with the HunterLab color 50.4017, 53.2433, 31.5415.



This preview shows how white text looks on a background with the HunterLab color 50.4017, 53.2433,

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

50.4017, 53.2433, 31.5415

Protanopia

50.6180, -6.8934, 29.7084

Deuteranopia

50.3454, 3.3538, 31.0813



Tritanopia

50.4630, 59.2085, 22.2770

Trichromacy



Original Color

50.4017, 53.2433, 31.5415

Protanomaly

48.8061, 14.2334, 29.3385

Deuteranomaly

49.1810, 21.3574, 30.5059

Tritanomaly

50.2444, 56.5517, 27.2268

Monochromacy



Original Color

50.4017, 53.2433, 31.5415

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.7297, 13.9568, 16.6888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4017, 53.2433, 31.5415 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(242, 85, 13)` looks like.

```
.text, #text, p{  
    color:rgb(242, 85, 13)  
}
```

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(242, 85, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 85, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4017, 53.2433, 31.5415 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(242, 85, 13) }
```


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

```
.border{ border-color:rgb(242, 85, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 85, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 85, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 85, 13);  
box-shadow:4px 4px 4px 4px rgb(242, 85,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4017, 53.2433, 31.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 85, 13) }
```

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

```
.background{ background-color: rgb(242, 85,  
13) }
```

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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