

Converting Colors

HunterLab(47.0251, 76.1832,
29.6219)

Have a look what the booklet for
HunterLab(47.0251, 76.1832,
29.6219) contains.

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Color

**HunterLab(47.0436, 76.1125,
29.6521)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1C11
RGB	255, 28, 17
RGB Percent	100%, 11%, 7%
CMY	0.0000, 0.8901, 0.9333
CMYK	0.00, 0.89, 0.93, 0.00
HSL	3°, 100%, 53%
HSV	3°, 93%, 100%
XYZ	41.7565, 22.1310, 2.6013
YIQ	94.6190, 138.8230, 44.7030

Conversions

Conversions Part 2

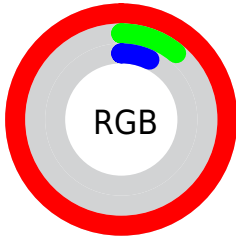
Format	Color
RYB	255, 29, 17
Decimal	16718865
CIELab	54.17, 77.66, 63.37
CIElCh	54, 100.234, 39.217
Yxy	22.1324, 0.6280, 0.3329
Android (android.graphics.Color)	4294908945 (0xFFFF1C11)
YUV	94.6190, -38.2662, 140.6541
Hunter-Lab	47.0436, 76.1125, 29.6521

Details

The HunterLab color **47.0436, 76.1125, 29.6521** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **84.8654, -42.0393, -14.5381**, and the grayscale version is **33.7947, -1.8032, 1.8361**.

A 20% lighter version of the original color is **56.2052, 51.7462, 29.6001**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.3880, 78.0082, 29.9497**, and if you desaturate by 10%, it is **48.9061, 71.0308, 28.6662**.

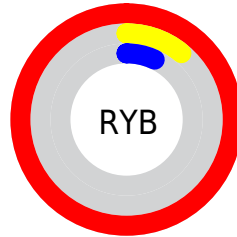
Distribution



Red (100%)

Green (11%)

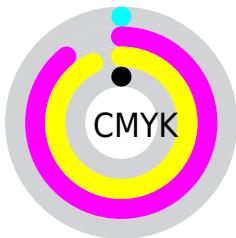
Blue (7%)



Red (100%)

Yellow (11%)

Blue (7%)

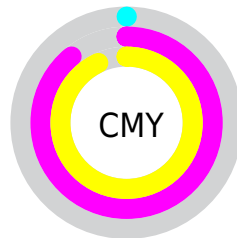


Cyan (0%)

Magenta (89%)

Yellow (93%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0436, 76.1125, 29.6521 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 47.0436, 76.1125, 29.6521 by changing the saturation by 10% instead.


 47.0436, 76.1125,
29.6521


 47.0436, 76.1125,
29.6521


162.2458, 95.0642,
65.6594

 37.3554, 73.6867,
24.7310


 68.5308, 80.8886,
38.7764


 28.4409, 71.3720,
19.9086


 80.2419, 83.1775,
43.0277


 20.3761, 69.4134,
14.2633

 92.5532, 85.3802,
47.1086

 13.2622, 68.4735,
9.2835

 105.4368, 87.4930,
51.0423

 6.7922, 77.2031,
4.7545

 118.8681, 89.5158,
54.8488


0.0000, INF, NaN

0.0000, INF, NaN


 132.8259, 91.4501,


58.5448


0.0000, NaN, NaN


 147.2908, 93.2986,
62.1444


0.0000, NaN, NaN


 47.0436, 76.1125,
29.6521


 47.0436, 76.1125,
29.6521


 46.3880, 78.0082,
29.9497

 48.9061, 71.0308,
28.6662

 51.9026, 63.6354,
26.8486

 56.0036, 54.6342,
24.3781

 61.1036, 44.8051,
21.5007

 67.0683, 34.7561,
18.4319

73.7643, 24.8655,
15.3200

81.0738, 15.3228,
12.2503

88.8990, 6.1951,
9.2639

97.1608, -2.5186,
6.3744

Harmonies

Analogous

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



47.0451, 104.2381, 13.1185



47.0436, 76.1125, 29.6521



47.0451, 29.0864, 32.9316

Triad

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



47.0451, 76.1066, 29.6529



47.0451, -56.0912, 22.2437



47.0451, 10.8846, -149.5077

Complementary

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



47.0436, 76.1125, 29.6521



84.8654, -42.0393, -14.5381

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.



47.0451, -27.4893, -136.8033



47.0436, 76.1125, 29.6521



47.0451, -58.0137, -11.2061

Square

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



47.0451, 76.1066, 29.6529



47.0451, -42.9074, 31.5370



47.0451, -49.5594, -74.5362



47.0451, 58.9084, -101.5010

Rectangle

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



47.0436, 76.1125, 29.6521



47.0451, -1.4232, 32.9316



47.0451, -49.5594, -74.5362



47.0451, -3.5924, -152.7238

Sweetspot

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



47.0451, 76.1066, 29.6529



77.5926, 19.7273, 13.6745



53.2732, 101.9104, -63.3828



34.4587, 11.0467, 6.9420

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.0451, 76.1066, 29.6529



46.3881, 78.0085, 29.9498



64.2081, 30.2624, 39.6048



42.5699, 1.3010, 3.7688



33.6173, 56.0996, 21.6969



10.7041, 16.7910, 6.8897

Inverse Universe

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



84.8654, -42.0393, -14.5381



84.5160, -41.9748, -15.0261



47.7442, 13.6870, -87.8261



45.0872, -5.7464, 1.0531



61.1447, -30.4048, -10.7903



19.1911, -9.6233, -3.2133

Previews

White Background



This preview shows how the HunterLab color 47.0436, 76.1125, 29.6521 looks on a white background.

Color Contrast Check

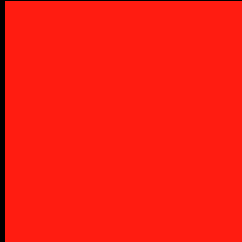
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0436, 76.1125, 29.6521 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 47.0436, 76.1125, 29.6521 Background



This preview shows how black text looks on a background with the HunterLab color 47.0436, 76.1125, 29.6521.



This preview shows how white text looks on a background with the HunterLab color 47.0436, 76.1125,

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

47.0436, 76.1125, 29.6521

Protanopia

47.1410, -5.9982, 26.5289

Deuteranopia

47.2312, 2.4455, 29.1464



Tritanopia

47.0542, 76.1531, 29.4939

Trichromacy



Original Color

47.0436, 76.1125, 29.6521

Protanomaly

42.8564, 26.6763, 25.0815

Deuteranomaly

43.6214, 32.6384, 27.2165

Tritanomaly

47.0505, 76.1389, 29.5489

Monochromacy



Original Color

47.0436, 76.1125, 29.6521

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.1819, 25.8403, 12.3044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0436, 76.1125, 29.6521 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, 28, 17)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 17)  
}
```

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, 28, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0436, 76.1125, 29.6521 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, 28, 17) }
```


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

```
.border{ border-color:rgb(255, 28, 17) }
```

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

Here you see how a box with a 4 pixel rgb(255, 28, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 17);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0436, 76.1125, 29.6521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 17) }
```

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

```
.background{ background-color: rgb(255, 28,  
17) }
```

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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