

Converting Colors

HunterLab(47.1622, 76.6629,
27.6798)

Have a look what the booklet for
HunterLab(47.1622, 76.6629,
27.6798) contains.

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Color

**HunterLab(47.1780, 76.6240,
27.6595)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1C2A
RGB	255, 28, 42
RGB Percent	100%, 11%, 16%
CMY	0.0000, 0.8901, 0.8353
CMYK	0.00, 0.89, 0.84, 0.00
HSL	356°, 100%, 55%
HSV	356°, 89%, 100%
XYZ	42.0731, 22.2576, 4.2691
YIQ	97.4690, 130.7980, 52.4780

Conversions

Conversions Part 2

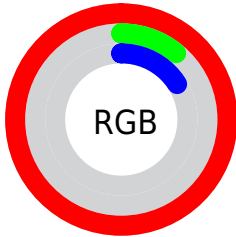
Format	Color
R_{YB}	255, 28, 42
Decimal	16718890
CIE Lab	54.30, 78.04, 53.26
CIE LCh	54, 94.483, 34.313
Yxy	22.2590, 0.6133, 0.3245
Android (android.graphics.Color)	4294908970 (0xFFFF1C2A)
YUV	97.4690, -27.3462, 138.1547
Hunter-Lab	47.1780, 76.6240, 27.6595

Details

The HunterLab color **47.1780, 76.6240, 27.6595** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **88.3852, -49.4115, -2.2435**, and the grayscale version is **34.8207, -1.8579, 1.8919**.

A 20% lighter version of the original color is **56.4790, 52.9771, 25.5753**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.2155, 78.9347, 29.1217**, and if you desaturate by 10%, it is **49.2416, 71.5809, 25.4024**.

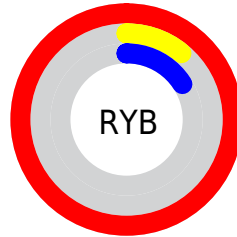
Distribution



Red (100%)

Green (11%)

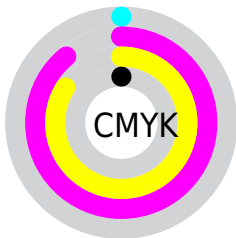
Blue (16%)



Red (100%)

Yellow (11%)

Blue (16%)

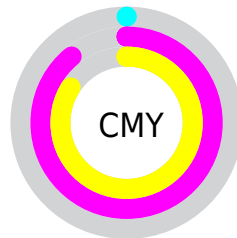


Cyan (0%)

Magenta (89%)

Yellow (84%)

Black (0%)



Cyan (0%)


Magenta (89%)

Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.1780, 76.6240, 27.6595 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 47.1780, 76.6240, 27.6595 by changing the saturation by 10% instead.


 47.1780, 76.6240,
27.6595


 47.1780, 76.6240,
27.6595


162.4488, 95.6542,
58.5391


 37.4798, 74.1929,
23.4291


 68.6832, 81.4146,
35.4521


 28.5545, 71.8752,
19.1350

 80.4025, 83.7119,
39.0812


 20.4778, 69.9167,
14.3345

 92.7216, 85.9235,
42.5698

 13.3504, 68.9804,
9.3453

 105.6126, 88.0454,
45.9394

 6.9002, 77.1607,
4.8301

 119.0511, 90.0775,
49.2080

0.0000, INF, NaN

0.0000, INF, NaN

 133.0158, 92.0212,

52.3898

0.0000, NaN, NaN

147.4874, 93.8791,
55.4968

0.0000, NaN, NaN

■ 47.1780, 76.6240,
27.6595

■ 47.1780, 76.6240,
27.6595

■ 46.2155, 78.9347,
29.1217

■ 49.2416, 71.5809,
25.4024

■ 46.1479, 79.1088,
29.2066

■ 52.5284, 63.9748,
22.6046

■ 56.9896, 54.5867,
19.5747

■ 62.4985, 44.2669,
16.5756

■ 68.9031, 33.6651,
13.7725

■ 76.0579, 23.1755,
11.2399

■ 83.8379, 12.9916,
8.9921

■ 92.1410, 3.1809,
7.0121

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



47.1795, 97.7622, 7.6173



47.1780, 76.6240, 27.6595



47.1795, 34.5179, 32.2810

Triad

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



47.1795, 76.6181, 27.6603



47.1795, -52.8110, 24.1844



47.1795, 3.2447, -137.9674

Complementary

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



47.1780, 76.6240, 27.6595



88.3852, -49.4115, -2.2435

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.



47.1795, -30.7854, -117.2675



47.1780, 76.6240, 27.6595



47.1795, -56.3740, -3.1092

Square

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



47.1795, 76.6181, 27.6603



47.1795, -37.7438, 31.6497



47.1795, -49.8036, -57.8113



47.1795, 47.5419, -102.2688

Rectangle

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



47.1780, 76.6240, 27.6595



47.1795, 5.1306, 33.0256



47.1795, -49.8036, -57.8113



47.1795, -9.7120, -137.4979

Sweetspot

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



47.1795, 76.6181, 27.6603



77.5730, 21.1039, 10.7662



51.5307, 98.1087, -75.3819



34.7034, 11.3980, 5.3570

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.1795, 76.6181, 27.6603



46.1481, 79.1092, 29.2067



60.3027, 39.3947, 36.7657



42.4325, 1.6934, 3.2870



33.3688, 57.2230, 20.9585



10.4414, 17.9635, 6.1087

Inverse Universe

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



47.1795, 76.6181, 27.6603



46.1481, 79.1092, 29.2067



56.0909, -1.0122, -65.4575



42.4325, 1.6934, 3.2870



33.3688, 57.2230, 20.9585



10.4414, 17.9635, 6.1087

Previews

White Background



This preview shows how the HunterLab color 47.1780, 76.6240, 27.6595 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 47.1780, 76.6240, 27.6595 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 47.1780, 76.6240, 27.6595 Background



This preview shows how black text looks on a background with the HunterLab color 47.1780, 76.6240, 27.6595.



This preview shows how white text looks on a background with the HunterLab color 47.1780, 76.6240,

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

47.1780, 76.6240, 27.6595

Protanopia

47.4924, -5.6818, 22.7305

Deuteranopia

47.3748, 2.9906, 28.7679



Tritanopia

47.2336, 75.7055, 29.2760

Trichromacy



Original Color

47.1780, 76.6240, 27.6595

Protanomaly

43.0014, 26.4827, 21.6237

Deuteranomaly

43.8366, 33.3340, 26.4267

Tritanomaly

47.2096, 76.0026, 28.7929

Monochromacy



Original Color

47.1780, 76.6240, 27.6595

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.6995, 26.6409, 9.8512

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1780, 76.6240, 27.6595 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, 42)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 42)  
}
```

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, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1780, 76.6240, 27.6595 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, 42) }
```


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

```
.border{ border-color:rgb(255, 28, 42) }
```

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, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 42);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.1780, 76.6240, 27.6595 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, 42) }
```

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

```
.background{ background-color: rgb(255, 28,  
42) }
```

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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