

Converting Colors

HunterLab(47.2418, 75.8798,
28.8461)

Have a look what the booklet for
HunterLab(47.2418, 75.8798,
28.8461) contains.

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Color

**HunterLab(47.2640, 75.8217,
28.8251)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1F1F
RGB	255, 31, 31
RGB Percent	100%, 12%, 12%
CMY	0.0000, 0.8783, 0.8784
CMYK	0.00, 0.88, 0.88, 0.00
HSL	0°, 100%, 56%
HSV	0°, 88%, 100%
XYZ	41.9772, 22.3389, 3.3957
YIQ	97.9760, 133.5040, 47.4880

Conversions

Conversions Part 2

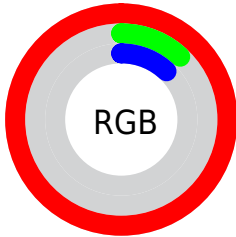
Format	Color
RYB	255, 31, 31
Decimal	16719647
CIELab	54.39, 77.38, 58.40
CIELCh	54, 96.946, 37.042
Yxy	22.3403, 0.6199, 0.3299
Android (android.graphics.Color)	4294909727 (0xFFFF1F1F)
YUV	97.9760, -33.0192, 137.7100
Hunter-Lab	47.2640, 75.8217, 28.8251

Details

The HunterLab color **47.2640, 75.8217, 28.8251** 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 **88.8886, -46.3825, -9.1435**, and the grayscale version is **35.0298, -1.8691, 1.9032**.

A 20% lighter version of the original color is **56.5176, 51.8706, 27.7722**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.2515, 78.5656, 29.6729**, and if you desaturate by 10%, it is **49.4266, 70.2589, 27.1211**.

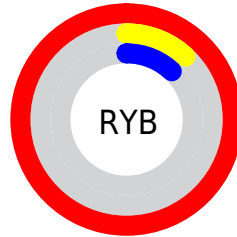
Distribution



Red (100%)

Green (12%)

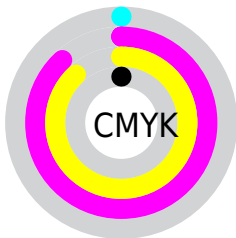
Blue (12%)



Red (100%)

Yellow (12%)

Blue (12%)

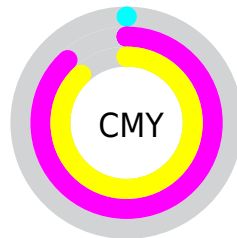


Cyan (0%)

Magenta (88%)

Yellow (88%)

Black (0%)



Cyan (0%)


Magenta (88%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.2640, 75.8217, 28.8251 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 47.2640, 75.8217, 28.8251 by changing the saturation by 10% instead.


 47.2640, 75.8217,
28.8251


 47.2640, 75.8217,
28.8251


162.5786, 94.6946,
62.2916


 37.5595, 73.3986,
24.2392


 68.7806, 80.5841,
37.2929


 28.6273, 71.0803,
19.9108


 80.5052, 82.8643,
41.2360


 20.5429, 69.1038,
14.3801

 92.8293, 85.0579,
45.0230

 13.4069, 68.1099,
9.3848

 105.7251, 87.1613,
48.6767

 6.9683, 75.7052,
4.8778

 119.1682, 89.1745,
52.2160


0.0000, INF, NaN

0.0000, INF, NaN


 133.1373, 91.0993,


55.6565


0.0000, NaN, NaN


 147.6131, 92.9383,
59.0114


0.0000, NaN, NaN


 47.2640, 75.8217,
28.8251


 47.2640, 75.8217,
28.8251


 46.2515, 78.5656,
29.6729


 49.4266, 70.2589,
27.1211

 46.1091, 78.9592,
29.7946

 52.8271, 62.2461,
24.6822

 57.4073, 52.6170,
21.7862

 63.0339, 42.2204,
18.7080

 69.5519, 31.6765,
15.6443

■ 76.8149, 21.3447,
12.7051

■ 84.6980, 11.3889,
9.9363

■ 93.0999, 1.8551,
7.3463

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.



47.2655, 100.5212, 10.6885



47.2640, 75.8217, 28.8251



47.2655, 31.3529, 32.6910

Triad

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



47.2655, 75.8158, 28.8259



47.2655, -54.5240, 23.1317



47.2655, 7.2738, -142.7494

Complementary

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



47.2640, 75.8217, 28.8251



88.8886, -46.3825, -9.1435

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.



47.2655, -28.9273, -126.4365



47.2640, 75.8217, 28.8251



47.2655, -57.1801, -7.2989

Square

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



47.2655, 75.8158, 28.8259



47.2655, -40.4906, 31.6341



47.2655, -49.5643, -66.0785



47.2655, 53.2696, -100.9268

Rectangle

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



47.2640, 75.8217, 28.8251



47.2655, 1.5083, 33.0858



47.2655, -49.5643, -66.0785



47.2655, -6.4265, -144.2133

Sweetspot

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



47.2655, 75.8158, 28.8259



78.2247, 19.4793, 12.1815



54.2768, 101.6120, -68.1210



34.9727, 10.6393, 6.0934

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.2655, 75.8158, 28.8259



46.1094, 78.9596, 29.7947



64.0340, 30.9694, 38.7993



42.4116, 1.5777, 3.5923



33.3307, 57.0756, 21.5374



10.4010, 17.8075, 6.7208

Inverse Universe

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



88.8886, -46.3825, -9.1435



88.7235, -47.0290, -9.3745



52.1115, 6.2126, -75.4195



45.2560, -6.0140, 1.2518



64.1345, -33.9954, -6.7762



20.0126, -10.6082, -2.1140

Previews

White Background



This preview shows how the HunterLab color 47.2640, 75.8217, 28.8251 looks on a white background.

Color Contrast Check

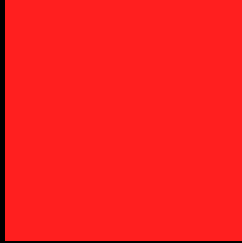
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2640, 75.8217, 28.8251 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 47.2640, 75.8217, 28.8251 Background



This preview shows how black text looks on a background with the HunterLab color 47.2640, 75.8217, 28.8251.



This preview shows how white text looks on a background with the HunterLab color 47.2640, 75.8217,

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

47.2640, 75.8217, 28.8251

Protanopia

47.5401, -5.7992, 24.9919

Deuteranopia

47.3441, 2.8261, 29.2227



Tritanopia

47.2944, 75.5372, 29.2398

Trichromacy



Original Color

47.2640, 75.8217, 28.8251

Protanomaly

43.3739, 26.2210, 23.7922

Deuteranomaly

43.9798, 32.6410, 27.2448

Tritanomaly

47.3042, 75.5747, 29.0947

Monochromacy



Original Color

47.2640, 75.8217, 28.8251

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.1576, 25.8133, 11.1903

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2640, 75.8217, 28.8251 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, 31, 31)` looks like.

```
.text, #text, p{  
    color:rgb(255, 31, 31)  
}
```

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, 31, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 31, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2640, 75.8217, 28.8251 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, 31, 31) }
```


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

```
.border{ border-color:rgb(255, 31, 31) }
```

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

Here you see how a box with a 4 pixel rgb(255, 31, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 31, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 31, 31);  
box-shadow:4px 4px 4px 4px rgb(255, 31,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2640, 75.8217, 28.8251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 31, 31) }
```

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

```
.background{ background-color: rgb(255, 31,  
31) }
```

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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