

Converting Colors

HunterLab(48.3005, 72.4619,
29.3976)

Have a look what the booklet for
HunterLab(48.3005, 72.4619,
29.3976) contains.

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Color

**HunterLab(48.2835, 72.4911,
29.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2E1F
RGB	255, 46, 31
RGB Percent	100%, 18%, 12%
CMY	0.0000, 0.8195, 0.8784
CMYK	0.00, 0.82, 0.88, 0.00
HSL	4°, 100%, 56%
HSV	4°, 88%, 100%
XYZ	42.4644, 23.3130, 3.5581
YIQ	106.7810, 129.3790, 39.6430

Conversions

Conversions Part 2

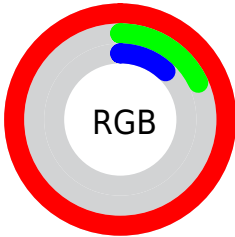
Format	Color
R_{YB}	255, 47, 31
Decimal	16723487
CIE Lab	55.39, 74.50, 59.15
CIE LCh	55, 95.128, 38.448
Yxy	23.3144, 0.6124, 0.3362
Android (android.graphics.Color)	4294913567 (0xFFFF2E1F)
YUV	106.7810, -37.3600, 129.9881
Hunter-Lab	48.2835, 72.4911, 29.4293

Details

The HunterLab color **48.2835, 72.4911, 29.4293** 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 **83.5580, -39.9079, -16.3407**, and the grayscale version is **38.3678, -2.0472, 2.0846**.

A 20% lighter version of the original color is **58.0081, 48.0142, 28.8278**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.7489, 76.8814, 29.9520**, and if you desaturate by 10%, it is **50.8989, 65.7384, 28.0811**.

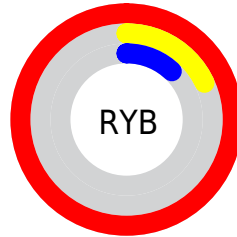
Distribution



Red (100%)

Green (18%)

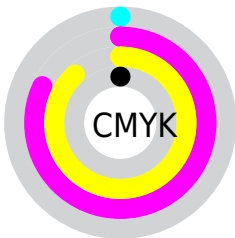
Blue (12%)



Red (100%)

Yellow (18%)

Blue (12%)

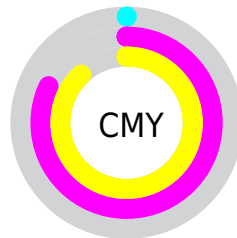


Cyan (0%)

Magenta (82%)

Yellow (88%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.2835, 72.4911, 29.4293 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 48.2835, 72.4911, 29.4293 by changing the saturation by 10% instead.


 48.2835, 72.4911,
29.4293


 48.2835, 72.4911,
29.4293


164.1145, 90.6132,
63.1523


 38.5043, 70.1080,
24.8183


 69.9350, 77.1157,
37.9522


 29.4911, 67.7860,
20.3803


 81.7215, 79.3136,
41.9242


 21.3172, 65.7156,
14.9221

 94.1044, 81.4208,
45.7404

 14.0799, 64.4105,
9.8559

 107.0564, 83.4358,
49.4233

 7.7281, 67.8646,
5.4096

 120.5535, 85.3598,
52.9917


0.0000, INF, NaN

0.0000, INF, NaN


 134.5745, 87.1952,


56.4610


0.0000, NaN, NaN


 149.1005, 88.9453,
59.8442


0.0000, NaN, NaN


 48.2835, 72.4911,
29.4293


 48.2835, 72.4911,
29.4293


 46.7489, 76.8814,
29.9520


 50.8989, 65.7384,
28.0811

 46.5444, 77.4782,
30.0368

 54.5928, 57.2543,
25.9724

 59.2840, 47.7841,
23.3171

 64.8511, 37.9650,
20.3378

 71.1658, 28.2221,
17.2077

78.1110, 18.7867,
14.0393

85.5870, 9.7544,
10.8960

93.5125, 1.1413,
7.8084

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



48.2850, 97.8859, 12.0855



48.2835, 72.4911, 29.4293



48.2850, 28.6174, 33.1959

Triad

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



48.2850, 72.4854, 29.4301



48.2850, -54.8693, 22.3524



48.2850, 9.0964, -137.4236

Complementary

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



48.2835, 72.4911, 29.4293



83.5580, -39.9079, -16.3407

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.



48.2850, -27.4372, -124.4755



48.2835, 72.4911, 29.4293



48.2850, -57.0893, -9.2397

Square

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



48.2850, 72.4854, 29.4301



48.2850, -41.3192, 31.8820



48.2850, -48.8348, -67.3607



48.2850, 54.3211, -95.1372

Rectangle

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



48.2835, 72.4911, 29.4293



48.2850, -0.5040, 33.7639



48.2850, -48.8348, -67.3607



48.2850, -4.6195, -139.7930

Sweetspot

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



48.2850, 72.4854, 29.4301



79.4515, 17.0908, 13.4570



53.4183, 98.5497, -56.9155



35.5991, 9.3873, 6.7327

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.2850, 72.4854, 29.4301



46.5446, 77.4785, 30.0369



67.6682, 23.2412, 40.9678



42.6409, 1.1771, 3.8479



33.7523, 55.6442, 21.7722



10.8371, 16.3582, 6.9641

Inverse Universe

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



83.5580, -39.9079, -16.3407



82.6509, -39.6873, -17.6329



47.9240, 14.2510, -87.2647



45.0117, -5.6264, 0.9640



59.8191, -28.7800, -12.6409



18.8264, -9.1782, -3.7183

Previews

White Background



This preview shows how the HunterLab color 48.2835, 72.4911, 29.4293 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 48.2835, 72.4911, 29.4293 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 48.2835, 72.4911, 29.4293 Background



This preview shows how black text looks on a background with the HunterLab color 48.2835, 72.4911, 29.4293.



This preview shows how white text looks on a background with the HunterLab color 48.2835, 72.4911,

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

48.2835, 72.4911, 29.4293

Protanopia

48.2804, -6.1192, 25.7969

Deuteranopia

48.2147, 3.0305, 29.7627



Tritanopia

48.2894, 73.0851, 28.1094

Trichromacy



Original Color

48.2835, 72.4911, 29.4293

Protanomaly

44.7817, 23.6810, 24.8540

Deuteranomaly

45.6650, 30.1395, 28.2551

Tritanomaly

48.2527, 72.9418, 28.6516

Monochromacy



Original Color

48.2835, 72.4911, 29.4293

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.2604, 23.3558, 12.5218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.2835, 72.4911, 29.4293 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, 46, 31)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 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, 46, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 48.2835, 72.4911, 29.4293 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, 46, 31) }
```


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

```
.border{ border-color:rgb(255, 46, 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, 46, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 31);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.2835, 72.4911, 29.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 31) }
```

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

```
.background{ background-color: rgb(255, 46,  
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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