

Converting Colors

HunterLab(48.4780, 72.2138,
28.7964)

Have a look what the booklet for
HunterLab(48.4780, 72.2138,
28.7964) contains.

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Color

**HunterLab(48.4978, 72.1539,
28.8007)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3027
RGB	255, 48, 39
RGB Percent	100%, 19%, 15%
CMY	0.0000, 0.8117, 0.8471
CMYK	0.00, 0.81, 0.85, 0.00
HSL	3°, 100%, 58%
HSV	3°, 85%, 100%
XYZ	42.6631, 23.5204, 4.2107
YIQ	108.8670, 126.2610, 41.0850

Conversions

Conversions Part 2

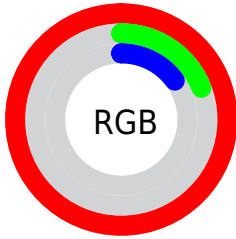
Format	Color
R_{YB}	255, 48, 39
Decimal	16724007
CIE _{Lab}	55.61, 74.19, 55.82
CIE _{LCh}	56, 92.844, 36.960
Yxy	23.5218, 0.6060, 0.3341
Android (android.graphics.Color)	4294914087 (0xFFFF3027)
YUV	108.8670, -34.4444, 128.1586
Hunter-Lab	48.4978, 72.1539, 28.8007

Details

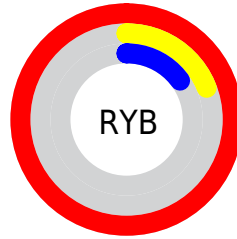
The HunterLab color **48.4978, 72.1539, 28.8007** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **85.7618, -42.1937, -13.2976**, and the grayscale version is **39.1521, -2.0891, 2.1272**.

A 20% lighter version of the original color is **58.2947, 47.9550, 27.5897**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.8257, 76.7631, 29.6938**, and if you desaturate by 10%, it is **51.3123, 65.0971, 27.0667**.

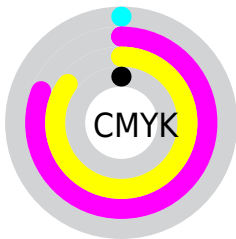
Distribution



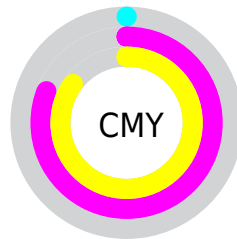
- Red (100%)
- Green (19%)
- Blue (15%)



- Red (100%)
- Yellow (19%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (85%)
- Black (0%)





- Cyan (0%)
- Magenta (81%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.4978, 72.1539, 28.8007 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 48.4978, 72.1539, 28.8007 by changing the saturation by 10% instead.


 48.4978, 72.1539,
28.8007


 48.4978, 72.1539,
28.8007


164.4366, 90.1848,
60.8250


 38.7031, 69.7758,
24.4238


 70.1775, 76.7614,
36.8791


 29.6730, 67.4533,
19.9935


 81.9768, 78.9491,
40.6446


 21.4805, 65.3706,
15.0363

 94.3720, 81.0458,
44.2648

 14.2221, 64.0236,
9.9555

 107.3358, 83.0501,
47.7613

 7.8778, 66.9140,
5.5145

 120.8442, 84.9633,
51.1520

0.0000, INF, NaN

0.0000, INF, NaN

 134.8760, 86.7880,

54.4517

0.0000, NaN, NaN

149.4125, 88.5274,
57.6727

0.0000, NaN, NaN

■ 48.4978, 72.1539,
28.8007

■ 48.4978, 72.1539,
28.8007

■ 46.8257, 76.7631,
29.6938

■ 51.3123, 65.0971,
27.0667

■ 46.3585, 78.1080,
29.9333

■ 55.2513, 56.2824,
24.6509

■ 60.2189, 46.5020,
21.8021

■ 66.0809, 36.4091,
18.7463

■ 72.7009, 26.4239,
15.6424

■ 79.9566, 16.7648,
12.5829

■ 87.7457, 7.5157,
9.6123

■ 95.9857, -1.3163,
6.7458

■ 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.



48.4993, 95.3169, 10.4430



48.4978, 72.1539, 28.8007



48.4993, 30.0270, 33.0577

Triad

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



48.4993, 72.1482, 28.8015



48.4993, -53.7523, 22.9470



48.4993, 6.7393, -132.8411

Complementary

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



48.4978, 72.1539, 28.8007



85.7618, -42.1937, -13.2976

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.



48.4993, -28.3649, -117.7232



48.4978, 72.1539, 28.8007



48.4993, -56.4802, -6.7230

Square

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



48.4993, 72.1482, 28.8015



48.4993, -39.6486, 31.9594



48.4993, -48.8054, -61.9288



48.4993, 50.6176, -94.5139

Rectangle

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



48.4978, 72.1539, 28.8007



48.4993, 1.4110, 33.6795



48.4993, -48.8054, -61.9288



48.4993, -6.4661, -134.1288

Sweetspot

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



48.4993, 72.1482, 28.8015



79.7351, 17.0437, 12.6719



54.2916, 98.5667, -61.6249



35.6820, 9.4366, 6.3564

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.4993, 72.1482, 28.8015



46.3587, 78.1083, 29.9335



66.7709, 25.3568, 39.8834



42.5541, 1.3285, 3.7513



33.5889, 56.1957, 21.6811



10.6743, 16.8888, 6.8731

Inverse Universe

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



85.7618, -42.1937, -13.2976



84.9316, -42.4805, -14.4540



51.3313, 8.3564, -77.4988



45.1040, -5.7730, 1.0728



61.4401, -30.7640, -10.3841



19.2723, -9.7217, -3.1024

Previews

White Background



This preview shows how the HunterLab color 48.4978, 72.1539, 28.8007 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 48.4978, 72.1539, 28.8007 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 48.4978, 72.1539, 28.8007 Background



This preview shows how black text looks on a background with the HunterLab color 48.4978, 72.1539, 28.8007.



This preview shows how white text looks on a background with the HunterLab color 48.4978, 72.1539,

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

48.4978, 72.1539, 28.8007

Protanopia

48.6542, -6.0708, 24.6648

Deuteranopia

48.5940, 2.9416, 29.9949



Tritanopia

48.4668, 72.6273, 27.9745

Trichromacy



Original Color

48.4978, 72.1539, 28.8007

Protanomaly

45.2915, 23.0659, 24.0593

Deuteranomaly

45.8764, 29.6976, 28.2518

Tritanomaly

48.4432, 72.5348, 28.3231

Monochromacy



Original Color

48.4978, 72.1539, 28.8007

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

38.9074, 23.2496, 11.6001

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4978, 72.1539, 28.8007 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, 48, 39)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 39)  
}
```

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, 48, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4978, 72.1539, 28.8007 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, 48, 39) }
```


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

```
.border{ border-color:rgb(255, 48, 39) }
```

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

Here you see how a box with a 4 pixel rgb(255, 48, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 39);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.4978, 72.1539, 28.8007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 39) }
```

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

```
.background{ background-color: rgb(255, 48,  
39) }
```

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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