

Converting Colors

HunterLab(47.8674, 73.9939,
28.8454)

Have a look what the booklet for
HunterLab(47.8674, 73.9939,
28.8454) contains.

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Color

**HunterLab(47.8528, 74.0525,
28.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2823
RGB	255, 40, 35
RGB Percent	100%, 16%, 14%
CMY	0.0000, 0.8430, 0.8627
CMYK	0.00, 0.84, 0.86, 0.00
HSL	1°, 100%, 57%
HSV	1°, 86%, 100%
XYZ	42.3021, 22.8989, 3.7805
YIQ	103.7150, 129.7450, 44.0250

Conversions

Conversions Part 2

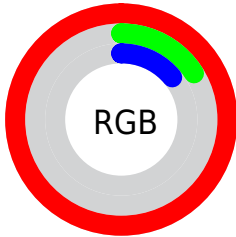
Format	Color
R_{YB}	255, 40, 35
Decimal	16721955
CIE _{Lab}	54.97, 75.85, 57.11
CIE _{LCh}	55, 94.946, 36.980
Yxy	22.9003, 0.6132, 0.3320
Android (android.graphics.Color)	4294912035 (0xFFFF2823)
YUV	103.7150, -33.8765, 132.6769
Hunter-Lab	47.8528, 74.0525, 28.8129

Details

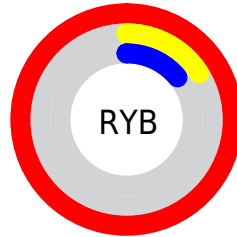
The HunterLab color **47.8528, 74.0525, 28.8129** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **87.1400, -44.0896, -11.4470**, and the grayscale version is **37.1927, -1.9845, 2.0208**.

A 20% lighter version of the original color is **57.4908, 49.7156, 27.6459**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.5030, 77.7778, 29.6687**, and if you desaturate by 10%, it is **50.3639, 67.6503, 27.1036**.

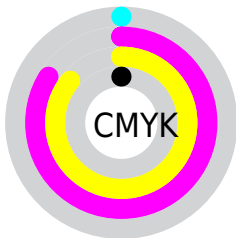
Distribution



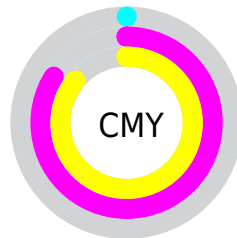
- Red (100%)
- Green (16%)
- Blue (14%)



- Red (100%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (84%)
- Yellow (86%)
- Black (0%)





- Cyan (0%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.8528, 74.0525, 28.8129 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 47.8528, 74.0525, 28.8129 by changing the saturation by 10% instead.


 47.8528, 74.0525,
28.8129


 47.8528, 74.0525,
28.8129


163.4664, 92.5255,
61.5598


 38.1050, 71.6492,
24.3304


 69.4476, 78.7426,
37.0870


 29.1259, 69.3259,
19.9356


 81.2080, 80.9790,
40.9415


 20.9896, 67.2930,
14.6927

 93.5661, 83.1265,
44.6452

 13.7948, 66.1175,
9.6564

 106.4945, 85.1827,
48.2204

 7.4173, 71.0772,
5.1921

 119.9688, 87.1482,
51.6855

0.0000, INF, NaN

0.0000, INF, NaN

 133.9680, 89.0252,

55.0556

0.0000, NaN, NaN

148.4728, 90.8165,
58.3435

0.0000, NaN, NaN

47.8528, 74.0525,
28.8129

47.8528, 74.0525,
28.8129

46.5030, 77.7778,
29.6687

50.3639, 67.6503,
27.1036


46.2452, 78.4940,
29.8702


54.0558, 59.1623,
24.6879

58.8466, 49.4176,
21.8278

64.6011, 39.1639,
18.7711

71.1737, 28.9104,
15.6932

 78.4311, 18.9363,
12.6943

 86.2609, 9.3596,
9.8200

 94.5722, 0.2037,
7.0826

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.



47.8543, 97.9731, 10.5454



47.8528, 74.0525, 28.8129



47.8543, 30.7408, 32.8578

Triad

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



47.8543, 74.0467, 28.8137



47.8543, -54.1506, 23.0571



47.8543, 6.9812, -137.8683

Complementary

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



47.8528, 74.0525, 28.8129



87.1400, -44.0896, -11.4470

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.



47.8543, -28.6761, -122.1025



47.8528, 74.0525, 28.8129



47.8543, -56.8502, -6.9837

Square

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



47.8543, 74.0467, 28.8137



47.8543, -40.0686, 31.8010



47.8543, -49.2111, -63.9862



47.8543, 51.9370, -97.8120

Rectangle

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



47.8528, 74.0525, 28.8129



47.8543, 1.4930, 33.4980



47.8543, -49.2111, -63.9862



47.8543, -6.4746, -139.2288

Sweetspot

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



47.8543, 74.0467, 28.8137



78.6388, 18.6685, 12.6139



54.2660, 100.1121, -64.8257



35.1839, 10.2144, 6.3099

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8543, 74.0467, 28.8137



46.2454, 78.4943, 29.8704



65.3993, 28.1283, 39.3496



42.4893, 1.4418, 3.6790



33.4718, 56.5937, 21.6159



10.5509, 17.2992, 6.8043

Inverse Universe

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



87.1400, -44.0896, -11.4470



86.6497, -44.5554, -12.1222



51.6967, 7.3050, -76.5197



45.1731, -5.8826, 1.1542



62.6610, -32.2380, -8.7282



19.6079, -10.1259, -2.6492

Previews

White Background



This preview shows how the HunterLab color 47.8528, 74.0525, 28.8129 looks on a white background.

Color Contrast Check

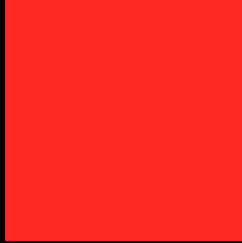
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8528, 74.0525, 28.8129 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 47.8528, 74.0525, 28.8129 Background



This preview shows how black text looks on a background with the HunterLab color 47.8528, 74.0525, 28.8129.



This preview shows how white text looks on a background with the HunterLab color 47.8528, 74.0525,

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

47.8528, 74.0525, 28.8129

Protanopia

47.9490, -5.7426, 24.8191

Deuteranopia

47.8359, 3.1193, 29.5309



Tritanopia

47.8656, 74.1020, 28.6238

Trichromacy



Original Color

47.8528, 74.0525, 28.8129

Protanomaly

44.2450, 24.4188, 23.9439

Deuteranomaly

44.9183, 31.1853, 27.7218

Tritanomaly

47.8591, 74.0769, 28.7197

Monochromacy



Original Color

47.8528, 74.0525, 28.8129

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.1757, 24.4997, 11.5390

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8528, 74.0525, 28.8129 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, 40, 35)` looks like.

```
.text, #text, p{  
    color:rgb(255, 40, 35)  
}
```

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, 40, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 40, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8528, 74.0525, 28.8129 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, 40, 35) }
```


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

```
.border{ border-color:rgb(255, 40, 35) }
```

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

Here you see how a box with a 4 pixel rgb(255, 40, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 40, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 40, 35);  
box-shadow:4px 4px 4px 4px rgb(255, 40,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8528, 74.0525, 28.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 40, 35) }
```

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

```
.background{ background-color: rgb(255, 40,  
35) }
```

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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