

Converting Colors

HunterLab(47.8851, 74.7237,
24.0399)

Have a look what the booklet for
HunterLab(47.8851, 74.7237,
24.0399) contains.

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Color

**HunterLab(47.9643, 74.8790,
24.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	FE2844
RGB	254, 40, 68
RGB Percent	100%, 16%, 27%
CMY	0.0039, 0.8430, 0.7333
CMYK	0.00, 0.84, 0.73, 0.00
HSL	352°, 99%, 58%
HSV	352°, 84%, 100%
XYZ	42.6752, 23.0057, 7.6601
YIQ	107.1780, 118.5560, 54.0760

Conversions

Conversions Part 2

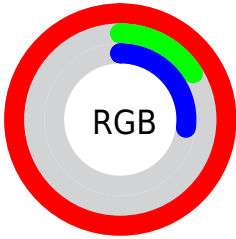
Format	Color
R_{YB}	254, 40, 68
Decimal	16656452
CIE Lab	55.08, 76.49, 39.99
CIE LCh	55, 86.313, 27.599
Yxy	23.0072, 0.5819, 0.3137
Android (android.graphics.Color)	4294846532 (0xFFFE2844)
YUV	107.1780, -19.3148, 128.7629
Hunter-Lab	47.9643, 74.8790, 24.1061

Details

The HunterLab color **47.9643, 74.8790, 24.1061** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **87.6509, -51.4671, 4.4281**, and the grayscale version is **38.4557, -2.0519, 2.0894**.

A 20% lighter version of the original color is **58.0283, 52.1574, 19.7876**, and **32.8048, 56.3932, 19.5392** is the 20% darker color. If you saturate the color by 10%, you get **46.4741, 78.1804, 26.7186**, and if you desaturate by 10%, it is **50.6355, 68.7394, 21.0579**.

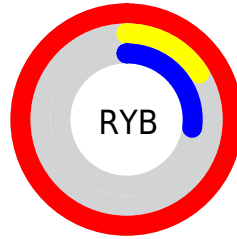
Distribution



Red (100%)

Green (16%)

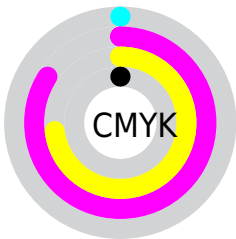
Blue (27%)



Red (100%)

Yellow (16%)

Blue (27%)

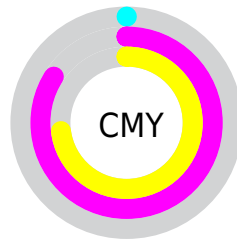


Cyan (0%)

Magenta (84%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9643, 74.8790, 24.1061 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 47.9643, 74.8790, 24.1061 by changing the saturation by 10% instead.

47.9643, 74.8790,
24.1061

47.9643, 74.8790,
24.1061

163.6343, 93.4955,
48.2813

38.2084, 72.4665,
20.8588

69.5738, 79.5960,
30.1025

29.2204, 70.1388,
17.3844

81.3409, 81.8480,
32.9136

21.0744, 68.1105,
14.1119

93.7055, 84.0117,
35.6309

13.8685, 66.9565,
9.7079

106.6400, 86.0846,
38.2707

7.4990, 71.7079,
5.2493

120.1203, 88.0670,
40.8462

0.0000, INF, NaN

0.0000, INF, NaN

134.1250, 89.9610,

43.3677

0.0000, NaN, NaN

148.6354, 91.7695,
45.8438

0.0000, NaN, NaN

■ 47.9643, 74.8790,
24.1061

■ 47.9643, 74.8790,
24.1061

■ 46.4741, 78.1804,
26.7186

■ 50.6355, 68.7394,
21.0579


■ 46.0235, 79.0579,
27.8700


■ 54.4940, 60.3313,
17.9065


■ 59.4481, 50.4912,
14.9347

■ 65.3572, 39.9819,
12.3126

■ 72.0740, 29.3310,
10.1053

 79.4657, 18.8375,
8.3093

 87.4214, 8.6383,
6.8870

 95.8515, -1.2263,
5.7890

99.9053, -5.6653,
5.3159

Harmonies

Analogous

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



47.9658, 87.3117, -0.2121



47.9643, 74.8790, 24.1061



47.9658, 40.1356, 31.5137

Triad

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



47.9658, 74.8734, 24.1070



47.9658, -47.9144, 26.1028



47.9658, -5.4098, -119.5455

Complementary

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



47.9643, 74.8790, 24.1061



87.6509, -51.4671, 4.4281

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.



47.9658, -34.1326, -91.9889



47.9643, 74.8790, 24.1061



47.9658, -53.7517, 5.2721

Square

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



47.9658, 74.8734, 24.1070



47.9658, -30.4471, 31.9321



47.9658, -49.5625, -38.6647



47.9658, 33.6404, -99.0896

Rectangle

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



47.9643, 74.8790, 24.1061



47.9658, 13.1203, 32.6543



47.9658, -49.5625, -38.6647



47.9658, -16.4568, -115.3208

Sweetspot

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



47.9658, 74.8734, 24.1070



79.2348, 19.7160, 8.4703



49.7573, 91.7451, -79.4628



35.4254, 10.8252, 4.1960

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.9658, 74.8734, 24.1070



46.2296, 79.4112, 27.9990



58.5615, 43.1893, 34.8069



42.4567, 1.8236, 2.9415



33.4350, 57.4685, 19.9771



10.4876, 18.1345, 5.4267

Inverse Universe

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



47.9658, 74.8734, 24.1070



46.2296, 79.4112, 27.9990



62.0309, -10.1381, -51.5765



42.4567, 1.8236, 2.9415



33.4350, 57.4685, 19.9771



10.4876, 18.1345, 5.4267

Previews

White Background



This preview shows how the HunterLab color 47.9643, 74.8790, 24.1061 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 47.9643, 74.8790, 24.1061 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 47.9643, 74.8790, 24.1061 Background



This preview shows how black text looks on a background with the HunterLab color 47.9643, 74.8790, 24.1061.



This preview shows how white text looks on a background with the HunterLab color 47.9643, 74.8790,

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

47.9643, 74.8790, 24.1061

Protanopia

48.0990, -3.9721, 15.3251

Deuteranopia

48.0521, 3.0571, 25.2033



Tritanopia

47.8970, 72.3345, 27.8306

Trichromacy



Original Color

47.9643, 74.8790, 24.1061

Protanomaly

44.3611, 25.8222, 15.7359

Deuteranomaly

45.1453, 31.4431, 22.7544

Tritanomaly

47.8199, 73.1449, 26.5709

Monochromacy



Original Color

47.9643, 74.8790, 24.1061

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.0137, 25.3528, 7.7156

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9643, 74.8790, 24.1061 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(254, 40, 68)` looks like.

```
.text, #text, p{  
    color:rgb(254, 40, 68)  
}
```

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(254, 40, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 40, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9643, 74.8790, 24.1061 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(254, 40, 68) }
```


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

```
.border{ border-color:rgb(254, 40, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 40, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 40, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 40, 68);  
box-shadow:4px 4px 4px 4px rgb(254, 40,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9643, 74.8790, 24.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 40, 68) }
```

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

```
.background{ background-color: rgb(254, 40,  
68) }
```

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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