

Converting Colors

HunterLab(47.4561, 77.4234,
24.0737)

Have a look what the booklet for
HunterLab(47.4561, 77.4234,
24.0737) contains.

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Color

**HunterLab(47.4680, 77.3613,
24.1659)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1D42
RGB	255, 29, 66
RGB Percent	100%, 11%, 26%
CMY	0.0000, 0.8861, 0.7412
CMYK	0.00, 0.89, 0.74, 0.00
HSL	350°, 100%, 56%
HSV	350°, 89%, 100%
XYZ	42.6628, 22.5321, 7.2549
YIQ	100.7920, 122.8190, 59.4190

Conversions

Conversions Part 2

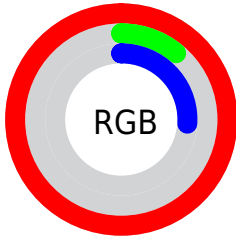
Format	Color
R_{YB}	255, 29, 66
Decimal	16719170
CIE Lab	54.59, 78.57, 40.62
CIE LCh	55, 88.451, 27.339
Yxy	22.5335, 0.5888, 0.3110
Android (android.graphics.Color)	4294909250 (0xFFFF1D42)
YUV	100.7920, -17.1525, 135.2404
Hunter-Lab	47.4680, 77.3613, 24.1659

Details

The HunterLab color **47.4680, 77.3613, 24.1659** 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 **87.6612, -53.7809, 8.1983**, and the grayscale version is **36.0326, -1.9226, 1.9577**.

A 20% lighter version of the original color is **57.0772, 54.3832, 19.5860**, and **32.9859, 56.6769, 19.8609** is the 20% darker color. If you saturate the color by 10%, you get **46.3934, 79.4283, 26.8472**, and if you desaturate by 10%, it is **49.6402, 72.4901, 21.0031**.

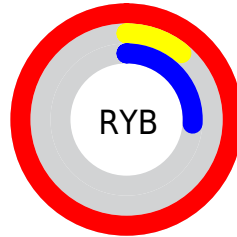
Distribution



Red (100%)

Green (11%)

Blue (26%)



Red (100%)

Yellow (11%)

Blue (26%)

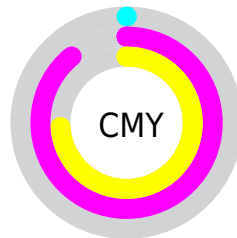


Cyan (0%)

Magenta (89%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4680, 77.3613, 24.1659 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 47.4680, 77.3613, 24.1659 by changing the saturation by 10% instead.

■ 47.4680, 77.3613,
24.1659

■ 47.4680, 77.3613,
24.1659

■ 162.8864, 96.4929,
48.6912

■ 37.7484, 74.9227,
20.8617

■ 69.0118, 82.1710,
30.2611

■ 28.7999, 72.5987,
17.3246

■ 80.7488, 84.4791,
33.1157

■ 20.6975, 70.6343,
14.1334

■ 93.0847, 86.7019,
35.8732

■ 13.5410, 69.6860,
9.4787

■ 105.9918, 88.8356,
38.5505

■ 7.1273, 76.7237,
4.9891

■ 119.4458, 90.8796,
41.1612

0.0000, INF, NaN

0.0000, INF, NaN

■ 133.4252, 92.8354,

43.7160

0.0000, NaN, NaN

147.9112, 94.7055,
46.2236

0.0000, NaN, NaN

■ 47.4680, 77.3613,
24.1659

■ 47.4680, 77.3613,
24.1659

■ 46.3934, 79.4283,
26.8472

■ 49.6402, 72.4901,
21.0031

■ 46.2872, 79.6250,
27.1438

■ 53.0081, 65.0077,
17.7269

■ 57.5178, 55.6735,
14.6525

■ 63.0441, 45.3171,
11.9805

■ 69.4398, 34.5802,
9.7927

■ 76.5652, 23.8622,
8.0878

■ 84.3001, 13.3692,
6.8219

■ 92.5462, 3.1829,
5.9363

■ 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.



47.4695, 89.9733, -0.6234



47.4680, 77.3613, 24.1659



47.4695, 41.6267, 31.4366

Triad

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



47.4695, 77.3556, 24.1668



47.4695, -48.3758, 26.3482



47.4695, -5.7520, -124.3395

Complementary

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



47.4680, 77.3613, 24.1659



87.6612, -53.7809, 8.1983

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.



47.4695, -34.8043, -95.1030



47.4680, 77.3613, 24.1659



47.4695, -54.2949, 5.5819

Square

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



47.4695, 77.3556, 24.1668



47.4695, -30.6777, 31.8645



47.4695, -50.2025, -39.4833



47.4695, 34.2203, -103.3308

Rectangle

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



47.4680, 77.3613, 24.1659



47.4695, 13.8606, 32.5460



47.4695, -50.2025, -39.4833



47.4695, -16.9697, -119.7595

Sweetspot

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



47.4695, 77.3556, 24.1668



77.7761, 22.1493, 7.8551



47.8579, 92.3166, -86.1004



34.8072, 11.9263, 3.8680

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.4695, 77.3556, 24.1668



46.2873, 79.6253, 27.1439



55.9651, 50.2065, 34.1307



42.4683, 1.8858, 2.7765



33.4802, 57.6360, 19.3082



10.5095, 18.2153, 5.1047

Inverse Universe

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



47.4695, 77.3556, 24.1668



46.2873, 79.6253, 27.1439



63.2407, -12.4081, -49.9456



42.4683, 1.8858, 2.7765



33.4802, 57.6360, 19.3082



10.5095, 18.2153, 5.1047

Previews

White Background



This preview shows how the HunterLab color 47.4680, 77.3613, 24.1659 looks on a white background.

Color Contrast Check

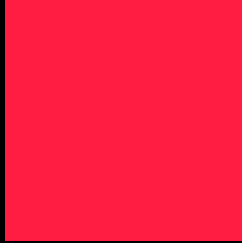
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4680, 77.3613, 24.1659 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 47.4680, 77.3613, 24.1659 Background



This preview shows how black text looks on a background with the HunterLab color 47.4680, 77.3613, 24.1659.



This preview shows how white text looks on a background with the HunterLab color 47.4680, 77.3613,

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

47.4680, 77.3613, 24.1659

Protanopia

47.7058, -3.9425, 15.2716

Deuteranopia

47.6463, 3.0014, 25.3692



Tritanopia

47.4441, 74.3256, 28.6448

Trichromacy



Original Color

47.4680, 77.3613, 24.1659

Protanomaly

43.1537, 27.7824, 14.9813

Deuteranomaly

43.9812, 33.2615, 22.4651

Tritanomaly

47.3415, 75.2796, 27.2523

Monochromacy



Original Color

47.4680, 77.3613, 24.1659

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.9233, 27.4799, 7.3789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4680, 77.3613, 24.1659 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, 29, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 29, 66)  
}
```

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, 29, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 29, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4680, 77.3613, 24.1659 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, 29, 66) }
```


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

```
.border{ border-color:rgb(255, 29, 66) }
```

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

Here you see how a box with a 4 pixel rgb(255, 29, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 29, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 29, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 29,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4680, 77.3613, 24.1659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 29, 66) }
```

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

```
.background{ background-color: rgb(255, 29,  
66) }
```

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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