

Converting Colors

HunterLab(47.8465, 78.2659,
19.7583)

Have a look what the booklet for
HunterLab(47.8465, 78.2659,
19.7583) contains.

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Color

**HunterLab(47.8296, 78.3589,
19.6668)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1E57
RGB	255, 30, 87
RGB Percent	100%, 12%, 34%
CMY	0.0000, 0.8822, 0.6588
CMYK	0.00, 0.88, 0.66, 0.00
HSL	345°, 100%, 56%
HSV	345°, 88%, 100%
XYZ	43.4246, 22.8767, 11.1438
YIQ	103.7730, 115.8030, 65.4270

Conversions

Conversions Part 2

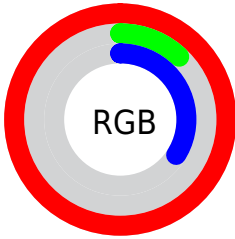
Format	Color
R_{YB}	255, 30, 87
Decimal	16719447
CIE _{Lab}	54.95, 79.29, 28.77
CIE _{LCh}	55, 84.351, 19.941
Yxy	22.8781, 0.5607, 0.2954
Android (android.graphics.Color)	4294909527 (0xFFFF1E57)
YUV	103.7730, -8.2691, 132.6261
Hunter-Lab	47.8296, 78.3589, 19.6668

Details

The HunterLab color **47.8296, 78.3589, 19.6668** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **87.1061, -57.1619, 16.2963**, and the grayscale version is **37.1262, -1.9810, 2.0171**.

A 20% lighter version of the original color is **57.7457, 56.0923, 12.6491**, and **33.3490, 57.6342, 17.4952** is the 20% darker color. If you saturate the color by 10%, you get **46.6638, 80.2648, 23.2191**, and if you desaturate by 10%, it is **50.0844, 73.5696, 15.9939**.

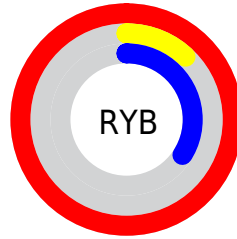
Distribution



Red (100%)

Green (12%)

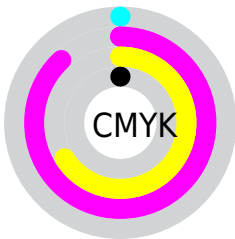
Blue (34%)



Red (100%)

Yellow (12%)

Blue (34%)

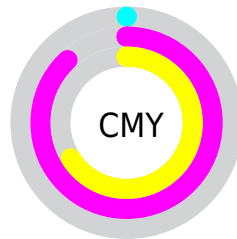


Cyan (0%)

Magenta (88%)

Yellow (66%)

Black (0%)



Cyan (0%)


Magenta (88%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.8296, 78.3589, 19.6668 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 47.8296, 78.3589, 19.6668 by changing the saturation by 10% instead.


 47.8296, 78.3589,
19.6668


 47.8296, 78.3589,
19.6668


163.4314, 97.6299,
38.4259


 38.0835, 75.9102,
17.2420


 69.4213, 83.1947,
24.1969


 29.1062, 73.5785,
14.6599


 81.1802, 85.5176,
26.3476


 20.9720, 71.6082,
11.8643

 93.5371, 87.7560,
28.4440

 13.7794, 70.6491,
9.6456

 106.4641, 89.9057,
30.4970

 7.4001, 76.4950,
5.1801

 119.9373, 91.9661,
32.5156

0.0000, INF, NaN

0.0000, INF, NaN

133.9352, 93.9387,

34.5064

0.0000, NaN, NaN

148.4390, 95.8256,
36.4750

0.0000, NaN, NaN

■ 47.8296, 78.3589,
19.6668

■ 47.8296, 78.3589,
19.6668

■ 46.6638, 80.2648,
23.2191

■ 50.0844, 73.5696,
15.9939

■ 46.5152, 80.4686,
23.7787

■ 53.5090, 66.1204,
12.5996

■ 58.0475, 56.7597,
9.7596

■ 63.5776, 46.3051,
7.5986

■ 69.9570, 35.3952,
6.1212

■ 77.0509, 24.4358,
5.2641

■ 84.7429, 13.6437,
4.9392

■ 92.9380, 3.1121,
5.0581

■ 100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



47.8311, 83.1479, -9.9511



47.8296, 78.3589, 19.6668



47.8311, 48.7879, 30.2306

Triad

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



47.8311, 78.3533, 19.6679



47.8311, -43.8642, 28.1686



47.8311, -13.7272, -112.6660

Complementary

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



47.8296, 78.3589, 19.6668



87.1061, -57.1619, 16.2963

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.



47.8311, -38.5537, -76.6340



47.8296, 78.3589, 19.6668



47.8311, -52.3421, 12.4707

Square

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



47.8311, 78.3533, 19.6679



47.8311, -23.3702, 32.1378



47.8311, -50.7266, -24.7085



47.8311, 22.5699, -104.7831

Rectangle

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



47.8296, 78.3589, 19.6668



47.8311, 22.7247, 32.1322



47.8311, -50.7266, -24.7085



47.8311, -23.4763, -104.6615

Sweetspot

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



47.8311, 78.3533, 19.6679



78.7132, 22.0172, 5.1491



44.4446, 86.9788, -97.2990



35.2241, 11.9314, 2.4704

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8311, 78.3533, 19.6679



46.5153, 80.4688, 23.7787



52.4095, 59.9516, 31.9522



42.5000, 2.0567, 2.3229



33.6538, 58.2779, 16.7485



10.5805, 18.4771, 4.0644

Inverse Universe

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



47.8311, 78.3533, 19.6679



46.5153, 80.4688, 23.7787



70.6935, -23.1539, -36.1907



42.5000, 2.0567, 2.3229



33.6538, 58.2779, 16.7485



10.5805, 18.4771, 4.0644

Previews

White Background



This preview shows how the HunterLab color 47.8296, 78.3589, 19.6668 looks on a white background.

Color Contrast Check

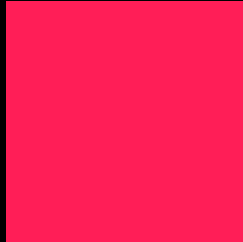
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8296, 78.3589, 19.6668 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 47.8296, 78.3589, 19.6668 Background



This preview shows how black text looks on a background with the HunterLab color 47.8296, 78.3589, 19.6668.



This preview shows how white text looks on a background with the HunterLab color 47.8296, 78.3589,

19.6668.

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

47.8296, 78.3589, 19.6668

Protanopia

47.9036, -1.9609, 5.4698

Deuteranopia

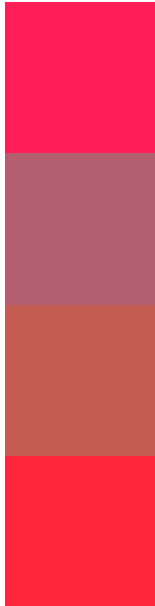
47.9798, 3.3264, 21.1739



Tritanopia

47.9226, 73.1520, 28.1002

Trichromacy



Original Color

47.8296, 78.3589, 19.6668

Protanomaly

43.2860, 29.2493, 6.5855

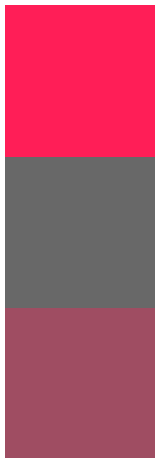
Deuteranomaly

44.3435, 33.8810, 17.7699

Tritanomaly

47.7101, 74.8780, 25.7350

Monochromacy



Original Color

47.8296, 78.3589, 19.6668

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.8246, 28.4145, 4.5839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8296, 78.3589, 19.6668 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, 30, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 30, 87)  
}
```

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, 30, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 30, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8296, 78.3589, 19.6668 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, 30, 87) }
```


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

```
.border{ border-color:rgb(255, 30, 87) }
```

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

Here you see how a box with a 4 pixel rgb(255, 30, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 30, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 30, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 30,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8296, 78.3589, 19.6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 30, 87) }
```

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

```
.background{ background-color: rgb(255, 30,  
87) }
```

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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