

Converting Colors

HunterLab(47.8851, 78.6922,
20.9322)

Have a look what the booklet for
HunterLab(47.8851, 78.6922,
20.9322) contains.

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Color

**HunterLab(47.6948, 78.2210,
20.8354)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1D52
RGB	255, 29, 82
RGB Percent	100%, 11%, 32%
CMY	0.0000, 0.8862, 0.6784
CMYK	0.00, 0.89, 0.68, 0.00
HSL	346°, 100%, 56%
HSV	346°, 89%, 100%
XYZ	43.2024, 22.7479, 10.0964
YIQ	102.6160, 117.6830, 64.3950

Conversions

Conversions Part 2

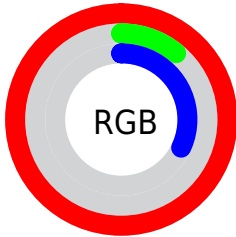
Format	Color
R_{YB}	255, 29, 82
Decimal	16719186
CIE _{Lab}	54.81, 79.21, 31.57
CIE _{LCh}	55, 85.268, 21.728
Yxy	22.7493, 0.5681, 0.2991
Android (android.graphics.Color)	4294909266 (0xFFFF1D52)
YUV	102.6160, -10.1637, 133.6408
Hunter-Lab	47.6948, 78.2210, 20.8354

Details

The HunterLab color **47.6948, 78.2210, 20.8354** 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 **87.2049, -56.5441, 14.7421**, and the grayscale version is **36.6957, -1.9580, 1.9937**.

A 20% lighter version of the original color is **57.6253, 55.5558, 14.3880**, and **33.2973, 57.4429, 18.2581** is the 20% darker color. If you saturate the color by 10%, you get **46.5721, 80.0912, 24.2098**, and if you desaturate by 10%, it is **49.8977, 73.5098, 17.2441**.

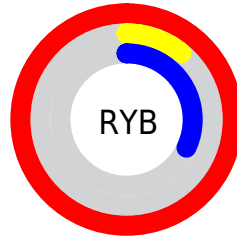
Distribution



Red (100%)

Green (11%)

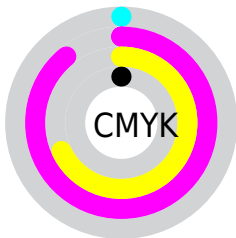
Blue (32%)



Red (100%)

Yellow (11%)

Blue (32%)

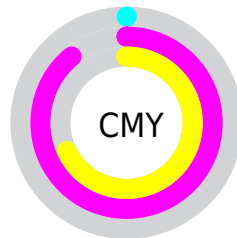


Cyan (0%)

Magenta (89%)

Yellow (68%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6948, 78.2210, 20.8354 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 47.6948, 78.2210, 20.8354 by changing the saturation by 10% instead.


 47.6948, 78.2210,
20.8354


 47.6948, 78.2210,
20.8354


163.2284, 97.4823,
40.9336


 37.9586, 75.7738,
18.2040


 69.2686, 83.0546,
25.7303


 28.9920, 73.4449,
15.3952


 81.0194, 85.3765,
28.0445


 20.8696, 71.4806,
12.3812

 93.3685, 87.6140,
30.2942

 13.6905, 70.5379,
9.5833

 106.2881, 89.7627,
32.4920

 7.2997, 76.8497,
5.1098

 119.7541, 91.8220,
34.6478

0.0000, INF, NaN

0.0000, INF, NaN

133.7452, 93.7934,

36.7694

0.0000, NaN, NaN

148.2423, 95.6792,
38.8630

0.0000, NaN, NaN

■ 47.6948, 78.2210,
20.8354

■ 47.6948, 78.2210,
20.8354

■ 46.5721, 80.0912,
24.2098

■ 49.8977, 73.5098,
17.2441

■ 46.4583, 80.2583,
24.6166

■ 53.2760, 66.1312,
13.8388

■ 57.7770, 56.8274,
10.9103

■ 63.2788, 46.4210,
8.6046

■ 69.6383, 35.5580,
6.9457

76.7192, 24.6496,
5.8842

84.4036, 13.9152,
5.3412

92.5953, 3.4485,
5.2338

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.



47.6963, 84.8279, -7.6493



47.6948, 78.2210, 20.8354



47.6963, 47.1463, 30.5496

Triad

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



47.6963, 78.2154, 20.8364



47.6963, -44.9665, 27.7623



47.6963, -11.9178, -115.5341

Complementary

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



47.6948, 78.2210, 20.8354



87.2049, -56.5441, 14.7421

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.



47.6963, -37.7044, -80.8974



47.6948, 78.2210, 20.8354



47.6963, -52.8162, 10.9766

Square

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



47.6963, 78.2154, 20.8364



47.6963, -25.1468, 32.0533



47.6963, -50.6123, -27.9936



47.6963, 25.2447, -104.6229

Rectangle

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



47.6948, 78.2210, 20.8354



47.6963, 20.6321, 32.2110



47.6963, -50.6123, -27.9936



47.6963, -22.0024, -108.2721

Sweetspot

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



47.6963, 78.2154, 20.8364



77.9224, 22.9005, 5.7636



44.9167, 87.9581, -95.6642



34.8824, 12.3082, 2.7918

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6963, 78.2154, 20.8364



46.4584, 80.2586, 24.6167



52.8474, 58.6730, 32.2851



42.4933, 2.0207, 2.4186



33.6110, 58.1196, 17.3791



10.5639, 18.4159, 4.3071

Inverse Universe

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



47.6963, 78.2154, 20.8364



46.4584, 80.2586, 24.6167



69.3557, -21.3390, -38.5136



42.4933, 2.0207, 2.4186



33.6110, 58.1196, 17.3791



10.5639, 18.4159, 4.3071

Previews

White Background



This preview shows how the HunterLab color 47.6948, 78.2210, 20.8354 looks on a white background.

Color Contrast Check

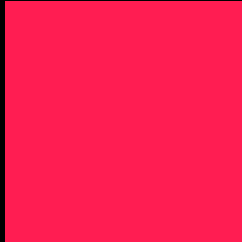
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6948, 78.2210, 20.8354 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 47.6948, 78.2210, 20.8354 Background



This preview shows how black text looks on a background with the HunterLab color 47.6948, 78.2210, 20.8354.

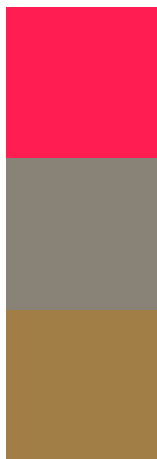


This preview shows how white text looks on a background with the HunterLab color 47.6948, 78.2210,

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

47.6948, 78.2210, 20.8354

Protanopia

47.8360, -2.5060, 7.8008

Deuteranopia

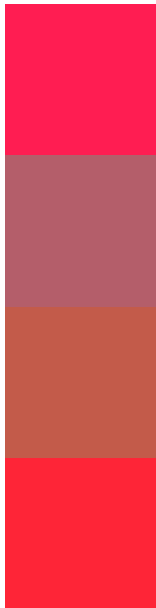
47.8967, 2.8813, 22.3915



Tritanopia

47.7527, 73.5496, 28.3294

Trichromacy



Original Color

47.6948, 78.2210, 20.8354

Protanomaly

43.3005, 29.0417, 8.5191

Deuteranomaly

44.2478, 33.4346, 19.1696

Tritanomaly

47.6128, 74.9757, 26.1505

Monochromacy



Original Color

47.6948, 78.2210, 20.8354

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.4201, 28.1641, 5.3100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6948, 78.2210, 20.8354 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, 82)` looks like.

```
.text, #text, p{  
  color:rgb(255, 29, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 29, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6948, 78.2210, 20.8354 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, 82) }
```


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

```
.border{ border-color:rgb(255, 29, 82) }
```

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, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 29, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 29, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 29,  
82) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6948, 78.2210, 20.8354 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, 82) }
```

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

```
.background{ background-color: rgb(255, 29,  
82) }
```

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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