

Converting Colors

HunterLab(47.3666, 78.9760,
21.3435)

Have a look what the booklet for
HunterLab(47.3666, 78.9760,
21.3435) contains.

HunterLab(47.3680, 78.9861, 21.3118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(47.3680, 78.9861,
21.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	FF174F
RGB	255, 23, 79
RGB Percent	100%, 9%, 31%
CMY	0.0000, 0.9097, 0.6902
CMYK	0.00, 0.91, 0.69, 0.00
HSL	346°, 100%, 55%
HSV	346°, 91%, 100%
XYZ	42.9576, 22.4373, 9.4639
YIQ	98.7520, 120.2960, 66.6000

Conversions

Conversions Part 2

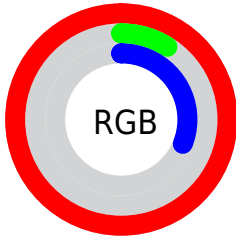
Format	Color
R_{YB}	255, 23, 79
Decimal	16717647
CIE _{Lab}	54.49, 79.88, 32.94
CIE _{LCh}	54, 86.404, 22.410
Yxy	22.4387, 0.5738, 0.2997
Android (android.graphics.Color)	4294907727 (0xFFFF174F)
YUV	98.7520, -9.7377, 137.0295
Hunter-Lab	47.3680, 78.9861, 21.3118

Details

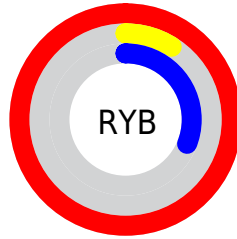
The HunterLab color **47.3680, 78.9861, 21.3118** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **87.0789, -57.2188, 15.8508**, and the grayscale version is **35.2415, -1.8804, 1.9147**.

A 20% lighter version of the original color is **57.0254, 56.6724, 14.8979**, and **33.0759, 57.0104, 18.5290** is the 20% darker color. If you saturate the color by 10%, you get **46.4784, 80.3326, 24.3201**, and if you desaturate by 10%, it is **49.3016, 74.9821, 17.6918**.

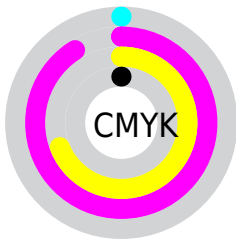
Distribution



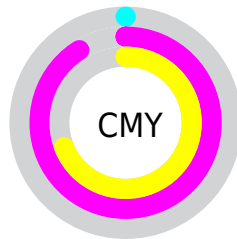
- Red (100%)
- Green (9%)
- Blue (31%)



- Red (100%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (91%)
- Yellow (69%)
- Black (0%)





- Cyan (0%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.3680, 78.9861, 21.3118 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 47.3680, 78.9861, 21.3118 by changing the saturation by 10% instead.


 47.3680, 78.9861,
21.3118


 47.3680, 78.9861,
21.3118


162.7356, 98.4202,
42.0874

 37.6558, 76.5327,
18.5742


 68.8985, 83.8492,
26.3931


 28.7153, 74.2106,
15.6482


 80.6294, 86.1899,
28.7903

 20.6217, 72.2805,
12.5691

 92.9595, 88.4473,
31.1176

 13.4752, 71.4394,
9.4327

 105.8610, 90.6167,
33.3885

 7.0498, 79.2694,
4.9349

 119.3097, 92.6970,
35.6134

0.0000, INF, NaN

0.0000, INF, NaN

133.2841, 94.6894,

37.8006

0.0000, NaN, NaN

147.7651, 96.5962,
39.9568

0.0000, NaN, NaN

■ 47.3680, 78.9861,
21.3118

■ 47.3680, 78.9861,
21.3118

■ 46.4784, 80.3326,
24.3201

■ 49.3016, 74.9821,
17.6918

■ 52.4054, 68.1847,
14.2014

■ 56.6509, 59.2593,
11.1586

■ 61.9276, 49.0405,
8.7383

■ 68.0947, 38.2274,
6.9829

75.0130, 27.2857,
5.8512

82.5600, 16.4752,
5.2647

90.6348, 5.9148,
5.1375

99.1559, -4.3591,
5.3911

Harmonies

Analogous

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



47.3695, 86.3908, -6.8711



47.3680, 78.9861, 21.3118



47.3695, 46.9695, 30.6127

Triad

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



47.3695, 78.9804, 21.3128



47.3695, -45.5364, 27.6045



47.3695, -11.2506, -118.3361

Complementary

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



47.3680, 78.9861, 21.3118



87.0789, -57.2188, 15.8508

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.



47.3695, -37.5187, -83.6858



47.3680, 78.9861, 21.3118



47.3695, -53.1352, 10.4099

Square

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



47.3695, 78.9804, 21.3128



47.3695, -25.9370, 31.9274



47.3695, -50.7119, -29.6341



47.3695, 26.5444, -106.0320

Rectangle

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



47.3680, 78.9861, 21.3118



47.3695, 20.0222, 32.1450



47.3695, -50.7119, -29.6341



47.3695, -21.5208, -111.2478

Sweetspot

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



47.3695, 78.9804, 21.3128



77.9368, 22.9743, 5.5582



44.3912, 88.7286, -97.4525



34.8898, 12.3458, 2.6859

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3695, 78.9804, 21.3128



46.4786, 80.3329, 24.3202



52.1641, 60.4370, 32.2777



42.4958, 2.0338, 2.3838



33.6261, 58.1757, 17.1556



10.5698, 18.4378, 4.2204

Inverse Universe

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



47.3695, 78.9804, 21.3128



46.4786, 80.3329, 24.3202



68.8034, -20.8547, -39.4945



42.4958, 2.0338, 2.3838



33.6261, 58.1757, 17.1556



10.5698, 18.4378, 4.2204

Previews

White Background



This preview shows how the HunterLab color 47.3680, 78.9861, 21.3118 looks on a white background.

Color Contrast Check

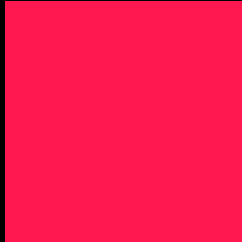
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3680, 78.9861, 21.3118 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 47.3680, 78.9861, 21.3118 Background



This preview shows how black text looks on a background with the HunterLab color 47.3680, 78.9861, 21.3118.



This preview shows how white text looks on a background with the HunterLab color 47.3680, 78.9861,

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

47.3680, 78.9861, 21.3118

Protanopia

47.7618, -2.9129, 8.8685

Deuteranopia

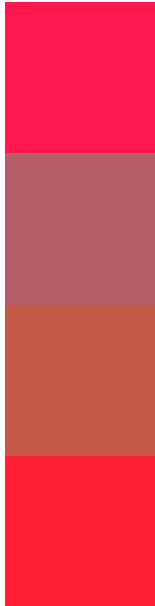
47.5915, 3.1477, 22.7653



Tritanopia

47.4441, 74.3256, 28.6448

Trichromacy



Original Color

47.3680, 78.9861, 21.3118

Protanomaly

42.8216, 29.6811, 9.1391

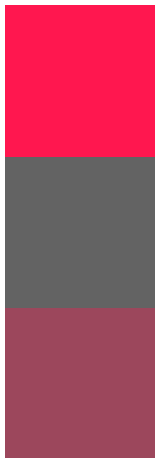
Deuteranomaly

43.6308, 34.6500, 19.3910

Tritanomaly

47.2590, 75.8020, 26.6620

Monochromacy



Original Color

47.3680, 78.9861, 21.3118

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.1384, 29.4142, 5.0826

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3680, 78.9861, 21.3118 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, 23, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 79)  
}
```

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, 23, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3680, 78.9861, 21.3118 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, 23, 79) }
```


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

```
.border{ border-color:rgb(255, 23, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 23, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3680, 78.9861, 21.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 79) }
```

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

```
.background{ background-color: rgb(255, 23,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor