

Converting Colors

HunterLab(49.3481, 82.7883,
20.2840)

Have a look what the booklet for
HunterLab(49.3481, 82.7883,
20.2840) contains.

HunterLab(47.5510, 79.6729, 18.6347)	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(47.5510, 79.6729,
18.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	FF175A
RGB	255, 23, 90
RGB Percent	100%, 9%, 35%
CMY	0.0000, 0.9097, 0.6471
CMYK	0.00, 0.91, 0.65, 0.00
HSL	343°, 100%, 55%
HSV	343°, 91%, 100%
XYZ	43.3919, 22.6110, 11.7502
YIQ	100.0060, 116.7650, 70.0210

Conversions

Conversions Part 2

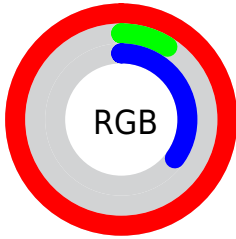
Format	Color
R_{YB}	255, 23, 90
Decimal	16717658
CIE _{Lab}	54.67, 80.39, 26.63
CIE _{LCh}	55, 84.680, 18.326
Yxy	22.6124, 0.5581, 0.2908
Android (android.graphics.Color)	4294907738 (0xFFFF175A)
YUV	100.0060, -4.9330, 135.9297
Hunter-Lab	47.5510, 79.6729, 18.6347

Details

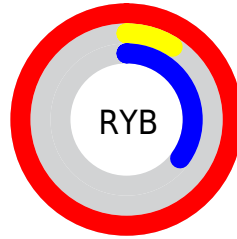
The HunterLab color **47.5510, 79.6729, 18.6347** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **86.7955, -58.9458, 19.9369**, and the grayscale version is **35.6955, -1.9046, 1.9394**.

A 20% lighter version of the original color is **57.4927, 57.4936, 10.8467**, and **33.3716, 57.7175, 17.1631** is the 20% darker color. If you saturate the color by 10%, you get **46.6359, 80.9144, 22.0036**, and if you desaturate by 10%, it is **49.5012, 75.7606, 14.7894**.

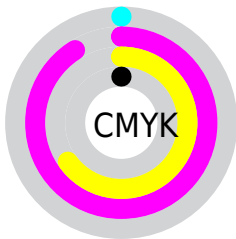
Distribution



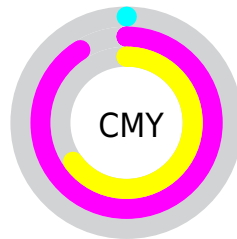
- Red (100%)
- Green (9%)
- Blue (35%)



- Red (100%)
- Yellow (9%)
- Blue (35%)



- Cyan (0%)
- Magenta (91%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5510, 79.6729, 18.6347 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 47.5510, 79.6729, 18.6347 by changing the saturation by 10% instead.

47.5510, 79.6729,
18.6347

47.5510, 79.6729,
18.6347

163.0116, 99.2081,
36.3944

37.8253, 77.2131,
16.3620

69.1058, 84.5545,
22.8948

28.8702, 74.8872,
13.9463

80.8478, 86.9059,
24.9239

20.7605, 72.9574,
11.3337

93.1886, 89.1747,
26.9059

13.5957, 72.1204,
9.5170

106.1002, 91.3558,
28.8507

7.1909, 79.3060,
5.0336

119.5586, 93.4481,
30.7664

0.0000, INF, NaN

0.0000, INF, NaN

133.5423, 95.4527,

32.6591

0.0000, NaN, NaN

148.0324, 97.3718,
34.5338

0.0000, NaN, NaN

■ 47.5510, 79.6729,
18.6347

■ 47.5510, 79.6729,
18.6347

■ 46.6359, 80.9144,
22.0036

■ 49.5012, 75.7606,
14.7894

■ 52.6080, 69.0192,
11.2733

■ 56.8438, 60.1032,
8.3838

■ 62.1008, 49.8422,
6.2561

■ 68.2409, 38.9380,
4.8925

■ 75.1273, 27.8640,
4.2190

■ 82.6393, 16.8892,
4.1340

■ 90.6770, 6.1408,
4.5364

■ 99.1597, -4.3384,
5.3375

Harmonies

Analogous

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



47.5525, 82.9168, -12.2683



47.5510, 79.6729, 18.6347



47.5525, 50.9732, 29.8728

Triad

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



47.5525, 79.6673, 18.6358



47.5525, -43.0829, 28.5085



47.5525, -15.4021, -112.4299

Complementary

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



47.5510, 79.6729, 18.6347



86.7955, -58.9458, 19.9369

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.



47.5525, -39.5159, -74.3304



47.5510, 79.6729, 18.6347



47.5525, -52.1202, 13.8030

Square

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



47.5525, 79.6673, 18.6358



47.5525, -21.9001, 32.0773



47.5525, -51.0376, -22.2543



47.5525, 20.5188, -107.0674

Rectangle

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



47.5510, 79.6729, 18.6347



47.5525, 24.9472, 31.9231



47.5525, -51.0376, -22.2543



47.5525, -24.9246, -103.5745

Sweetspot

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



47.5525, 79.6673, 18.6358



78.0375, 23.4907, 4.1208



42.6612, 86.2812, -103.6859



34.9418, 12.6095, 1.9431

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5525, 79.6673, 18.6358



46.6361, 80.9146, 22.0037



50.6273, 64.9473, 31.3817



42.5127, 2.1248, 2.1423



33.7441, 58.6112, 15.4219



10.6143, 18.6013, 3.5721

Inverse Universe

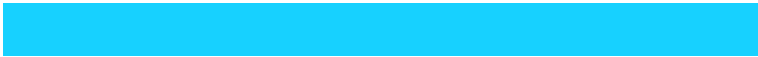
The Inverse Universe completely reimagines the original color for something new.



47.5525, 79.6673, 18.6358



46.6361, 80.9146, 22.0037



72.6711, -26.2013, -32.8660



42.5127, 2.1248, 2.1423



33.7441, 58.6112, 15.4219



10.6143, 18.6013, 3.5721

Previews

White Background



This preview shows how the HunterLab color 47.5510, 79.6729, 18.6347 looks on a white background.

Color Contrast Check

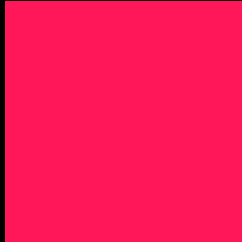
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5510, 79.6729, 18.6347 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 47.5510, 79.6729, 18.6347 Background



This preview shows how black text looks on a background with the HunterLab color 47.5510, 79.6729, 18.6347.



This preview shows how white text looks on a background with the HunterLab color 47.5510, 79.6729,

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

47.5510, 79.6729, 18.6347

Protanopia

47.8953, -1.6595, 2.9026

Deuteranopia

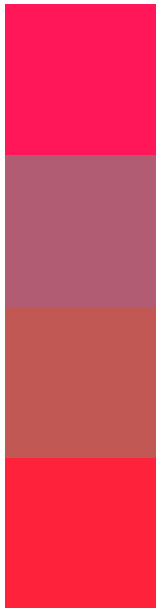
47.5423, 3.3171, 20.1284



Tritanopia

47.5552, 73.1773, 28.1913

Trichromacy



Original Color

47.5510, 79.6729, 18.6347

Protanomaly

42.8722, 30.4763, 4.1007

Deuteranomaly

43.6730, 35.1493, 16.4165

Tritanomaly

47.4556, 75.7171, 25.5663

Monochromacy



Original Color

47.5510, 79.6729, 18.6347

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.4220, 29.4182, 3.8189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5510, 79.6729, 18.6347 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5510, 79.6729, 18.6347 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, 90) }
```


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

```
.border{ border-color:rgb(255, 23, 90) }
```

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, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5510, 79.6729, 18.6347 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, 90) }
```

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

```
.background{ background-color: rgb(255, 23,  
90) }
```

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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