

# Converting Colors

HunterLab(48.5943, 76.1343,  
19.6006)

Have a look what the booklet for  
HunterLab(48.5943, 76.1343,  
19.6006) contains.

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# Color

**HunterLab(48.6355, 76.0571,  
19.5086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2A5A
RGB	255, 42, 90
RGB Percent	100%, 16%, 35%
CMY	0.0000, 0.8352, 0.6471
CMYK	0.00, 0.84, 0.65, 0.00
HSL	346°, 100%, 58%
HSV	346°, 84%, 100%
XYZ	43.9134, 23.6541, 11.9241
YIQ	111.1590, 111.5400, 60.0840

# Conversions

## Conversions Part 2

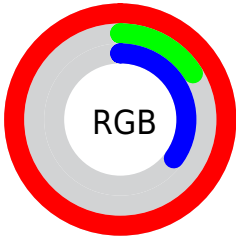
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 42, 90</a>
Decimal	<a href="#">16722522</a>
CIELab	<a href="#">55.74, 77.31, 28.00</a>
CIElCh	<a href="#">56, 82.224, 19.913</a>
Yxy	<a href="#">23.6556, 0.5524, 0.2976</a>
Android (android.graphics.Color)	<a href="#">4294912602</a> (0xFFFF2A5A)
YUV	<a href="#">111.1590, -10.4314, 126.1486</a>
Hunter-Lab	<a href="#">48.6355, 76.0571, 19.5086</a>

# Details

The HunterLab color **48.6355, 76.0571, 19.5086** 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 **87.4747, -55.1721, 12.9152**, and the grayscale version is **39.9437, -2.1313, 2.1702**.

A 20% lighter version of the original color is **58.9422, 53.6244, 12.3013**, and **33.3716, 57.7175, 17.1631** is the 20% darker color. If you saturate the color by 10%, you get **47.0015, 79.3269, 22.9903**, and if you desaturate by 10%, it is **51.4364, 69.8955, 15.9945**.

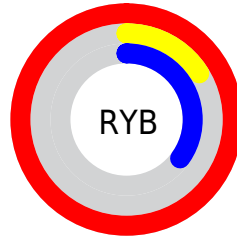
# Distribution



Red (100%)

Green (16%)

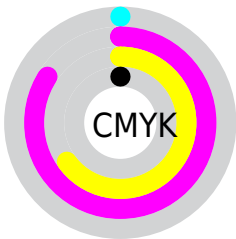
Blue (35%)



Red (100%)

Yellow (16%)

Blue (35%)

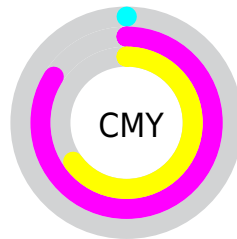


Cyan (0%)

Magenta (84%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (84%)


Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6355, 76.0571, 19.5086 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 48.6355, 76.0571, 19.5086 by changing the saturation by 10% instead.





 48.6355, 76.0571,  
19.5086


 48.6355, 76.0571,  
19.5086

164.6434, 94.8164,  
37.8752


 38.8308, 73.6319,  
17.1495


 70.3332, 80.8019,  
23.9270


 29.7899, 71.2907,  
14.6422


 82.1408, 83.0690,  
26.0291


 21.5855, 69.2429,  
11.9332

 94.5439, 85.2484,  
28.0805

 14.3136, 68.0428,  
10.0195

 107.5152, 87.3376,  
30.0916

 7.9724, 71.2048,  
5.5807

 121.0308, 89.3367,  
32.0708

0.0000, INF, NaN

0.0000, INF, NaN

135.0696, 91.2476,

34.0245

0.0000, NaN, NaN

149.6127, 93.0731,  
35.9579

0.0000, NaN, NaN

■ 48.6355, 76.0571,  
19.5086

■ 48.6355, 76.0571,  
19.5086

■ 47.0015, 79.3269,  
22.9903

■ 51.4364, 69.8955,  
15.9945

■ 46.4325, 80.1628,  
24.9975

■ 55.3995, 61.4229,  
12.7936

■ 60.4305, 51.4658,  
10.1312

■ 66.3916, 40.7744,  
8.0932

■ 73.1401, 29.8726,  
6.6668

80.5482, 19.0639,  
5.7884

88.5088, 8.4942,  
5.3784

96.9353, -1.7861,  
5.3596

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.



48.6370, 80.6539, -9.6462



48.6355, 76.0571, 19.5086



48.6370, 47.4616, 30.3195

# Triad

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



48.6370, 76.0516, 19.5097



48.6370, -43.4070, 28.1717



48.6370, -13.5981, -108.1492

# Complementary

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



48.6355, 76.0571, 19.5086



87.4747, -55.1721, 12.9152

# 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.



48.6370, -38.1415, -73.7511



48.6355, 76.0571, 19.5086



48.6370, -51.9186, 12.3873

# Square

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



48.6370, 76.0516, 19.5097



48.6370, -23.0473, 32.3901



48.6370, -50.3030, -23.8714



48.6370, 21.9123, -100.6860



# Rectangle

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



48.6355, 76.0571, 19.5086



48.6370, 22.1369, 32.3809



48.6370, -50.3030, -23.8714



48.6370, -23.2033, -100.5136

# Sweetspot

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



48.6370, 76.0516, 19.5097



79.4154, 20.6500, 5.8869



46.7974, 86.4669, -89.5126



35.5194, 11.3056, 2.8514

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



48.6370, 76.0516, 19.5097



46.4326, 80.1631, 24.9975



55.0600, 53.1054, 32.4964



42.4901, 2.0032, 2.4649



33.5914, 58.0474, 17.6669



10.5561, 18.3874, 4.4202



# Inverse Universe

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



48.6370, 76.0516, 19.5097



46.4326, 80.1631, 24.9975



69.4225, -20.5777, -38.3813



42.4901, 2.0032, 2.4649



33.5914, 58.0474, 17.6669



10.5561, 18.3874, 4.4202



# Previews

## White Background



This preview shows how the HunterLab color 48.6355, 76.0571, 19.5086 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

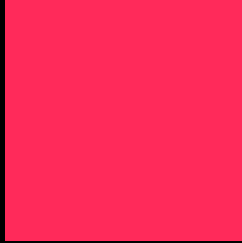
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 48.6355, 76.0571, 19.5086 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 48.6355, 76.0571, 19.5086 Background



This preview shows how black text looks on a background with the HunterLab color 48.6355, 76.0571, 19.5086.



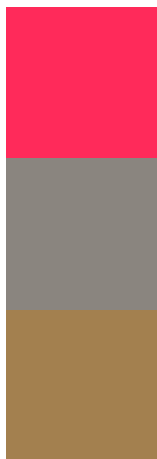
This preview shows how white text looks on a background with the HunterLab color 48.6355, 76.0571,



# 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

48.6355, 76.0571, 19.5086

### Protanopia

48.6936, -2.0022, 5.5216

### Deuteranopia

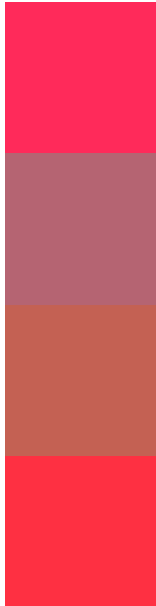
48.7744, 3.3369, 21.1210



## Tritanopia

48.7594, 71.0652, 27.3389

# Trichromacy



## Original Color

48.6355, 76.0571, 19.5086

## Protanomaly

44.8921, 27.4065, 7.1167

## Deuteranomaly

45.7271, 31.6241, 18.1195

## Tritanomaly

48.5573, 72.7774, 24.9013

# Monochromacy



## Original Color

48.6355, 76.0571, 19.5086

## Achromatopsia

39.8699, -2.1274, 2.1662

## Achromatomaly

39.2701, 26.1874, 5.2828

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.6355, 76.0571, 19.5086 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, 42, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 42, 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, 42, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 42, 90) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.6355, 76.0571, 19.5086 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, 42, 90) }
```



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

```
.border{ border-color:rgb(255, 42, 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, 42, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 42, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 42, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 42,  
90) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.6355, 76.0571, 19.5086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 42, 90) }
```

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

```
.background{ background-color: rgb(255, 42,  
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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