

Converting Colors

`RYB(255, 56, 148)`

Have a look what the booklet for
RYB(255, 56, 148) contains.

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Color

`RYB(255, 56, 148)`

Conversions

Conversions Part 1

Format	Color
Hex	FF3894
RGB	255, 56, 148
RGB Percent	100%, 22%, 58%
CMY	0.0000, 0.7804, 0.4196
CMYK	0.00, 0.78, 0.42, 0.00
HSL	332°, 100%, 61%
HSV	332°, 78%, 100%
XYZ	47.9995, 26.2265, 30.5493
YIQ	125.9890, 89.0720, 70.8000

Conversions

Conversions Part 2

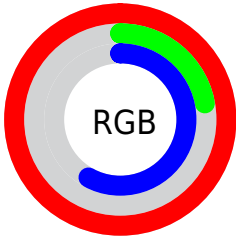
Format	Color
R _Y B	255, 56, 148
Decimal	16726164
CIE Lab	58.25, 78.12, -2.91
CIE LCh	58, 78.176, 357.865
Yxy	26.2265, 0.4581, 0.2503
Android (android.graphics.Color)	4294916244 (0xFFFF3894)
YUV	125.9890, 10.8514, 113.1426
Hunter-Lab	51.2118, 77.6828, 0.4800

Details

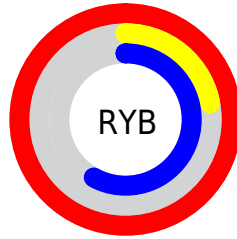
The RYB color **255, 56, 148** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **56, 185, 255**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **255, 122, 202**, and **192, 0, 98** is the 20% darker color. If you saturate the color by 10%, you get **255, 30, 134**, and if you desaturate by 10%, it is **255, 82, 162**.

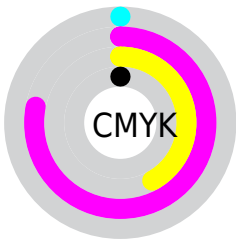
Distribution



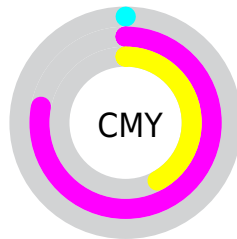
- Red (100%)
- Green (22%)
- Blue (58%)



- Red (100%)
- Yellow (22%)
- Blue (58%)



- Cyan (0%)
- Magenta (78%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 56, 148 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 RYB color 255, 56, 148 by changing the saturation by 10% instead.

 255, 56, 148

 255, 56, 148

255, 255, 255

 224, 0, 122

 255, 122, 202

 192, 0, 98

 255, 152, 230

 162, 0, 74

 255, 182, 255

 131, 0, 52

 255, 212, 255

 101, 0, 31

 255, 243, 255

 73, 0, 4

 41, 0, 1

 0, 0, 0

 255, 56, 148

 255, 56, 148

■ 255, 30, 134

■ 255, 82, 162

■ 255, 5, 121

■ 255, 107, 175

■ 255, 0, 118

■ 255, 132, 189

■ 255, 158, 203

■ 255, 183, 217

■ 255, 209, 230

■ 255, 235, 244

255, 255, 255

Harmonies

Analogous

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



216, 87, 214



255, 56, 148



255, 70, 81

Triad

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



255, 56, 148



0, 154, 48



0, 100, 255

Complementary

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



255, 56, 148



56, 185, 255

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.



0, 93, 203



255, 56, 148



0, 120, 165

Square

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



255, 56, 148



47, 173, 0



0, 95, 169



0, 94, 255

Rectangle

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



255, 56, 148



237, 118, 36



0, 95, 169



0, 99, 241

Sweetspot

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



255, 56, 148



255, 196, 223



162, 56, 255



128, 92, 108



0, 0, 0



128, 128, 128

Same Dimension

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



255, 56, 148



255, 15, 126



255, 63, 56



128, 115, 121



191, 0, 88



64, 0, 29

Inverse Universe

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



255, 56, 148



255, 15, 126



56, 154, 255



128, 115, 121



191, 0, 88



64, 0, 29

Previews

White Background



This preview shows how the RYB color 255, 56, 148 looks on a white background.

Color Contrast Check

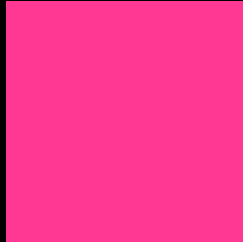
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 255, 56, 148 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](#).

RYB 255, 56, 148 Background



This preview shows how black text looks on a background with the RYB color 255, 56, 148.



This preview shows how white text looks on a background with the RYB color 255, 56, 148.

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
255, 56, 148

Protanopia
121, 135, 199

Deuteranopia
155, 136, 138



Tritanopia
251, 76, 80

Trichromacy



Original Color

255, 56, 148



Protanomaly

170, 108, 180



Deuteranomaly

191, 107, 142



Tritanomaly

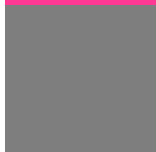
252, 69, 105

Monochromacy



Original Color

255, 56, 148



Achromatopsia

126, 126, 126



Achromatomaly

173, 101, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 56, 148 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, 56, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 148)  
}
```

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, 56, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 148) }
```

Border

The CSS property to change the border of an element to RYB 255, 56, 148 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, 56, 148) }
```

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

```
.border{ border-color:rgb(255, 56, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 56, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 255, 56, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 148) }
```

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

```
.background{ background-color: rgb(255, 56,  
148) }
```

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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