

Converting Colors

RGB(252, 40, 106)

Have a look what the booklet for
RGB(252, 40, 106) contains.

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Color

RGB(252, 40, 106)

Conversions

Conversions Part 1

Format	Color
Hex	FC286A
RGB	252, 40, 106
RGB Percent	99%, 16%, 42%
CMY	0.0118, 0.8431, 0.5843
CMYK	0.00, 0.84, 0.58, 0.01
HSL	341°, 97%, 57%
HSV	341°, 84%, 99%
XYZ	43.5052, 23.2536, 15.8311
YIQ	110.9120, 105.1660, 65.4700

Conversions

Conversions Part 2

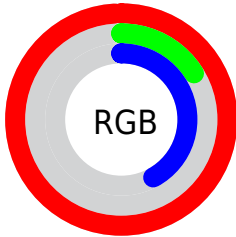
Format	Color
R_{YB}	252, 40, 106
Decimal	16525418
CIE Lab	55.33, 77.87, 17.82
CIE LCh	55, 79.879, 12.891
Yxy	23.2536, 0.5268, 0.2816
Android (android.graphics.Color)	4294715498 (0xFFFC286A)
YUV	110.9120, -2.4216, 123.7342
Hunter-Lab	48.2220, 76.6515, 14.2908

Details

The RGB color **252, 40, 106** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **40, 252, 186**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **255, 111, 157**, and **188, 0, 60** is the 20% darker color. If you saturate the color by 10%, you get **252, 15, 89**, and if you desaturate by 10%, it is **252, 65, 123**.

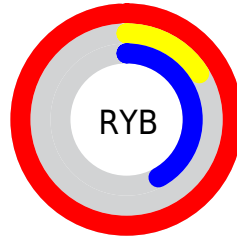
Distribution



Red (99%)

Green (16%)

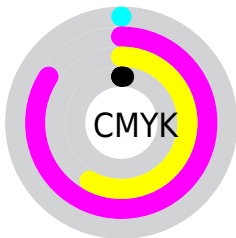
Blue (42%)



Red (99%)

Yellow (16%)

Blue (42%)

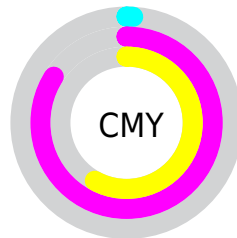


Cyan (0%)

Magenta (84%)

Yellow (58%)

Black (1%)



Cyan (1%)

Magenta (84%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 252, 40, 106 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 RGB color 252, 40, 106 by changing the saturation by 10% instead.

 252, 40, 106

 252, 40, 106

255, 255, 255

 220, 0, 82

 255, 111, 157

 188, 0, 60

 255, 141, 184

 156, 0, 39

 255, 172, 211

 125, 0, 19

 255, 202, 239

 94, 0, 3

 255, 232, 255

 63, 0, 3

 28, 0, 1

 0, 0, 0

 252, 40, 106

 252, 40, 106

■ 252, 15, 89

■ 252, 65, 123

■ 252, 0, 78

■ 252, 90, 141

■ 252, 116, 158

■ 252, 141, 175

■ 252, 166, 193

■ 252, 191, 210

■ 252, 216, 227

■ 252, 242, 245

■ 252, 255, 255

Harmonies

Analogous

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



234, 54, 175



252, 40, 106



235, 78, 38

Triad

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



252, 40, 106



43, 153, 0



0, 152, 255

Complementary

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



252, 40, 106



40, 252, 186

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, 161, 226



252, 40, 106



0, 160, 89

Square

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



252, 40, 106



133, 139, 0



0, 162, 162



0, 131, 255

Rectangle

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



252, 40, 106



209, 104, 0



0, 162, 162



0, 156, 255

Sweetspot

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



252, 40, 106



255, 191, 211



185, 40, 252



128, 89, 101



0, 0, 0



128, 128, 128

Same Dimension

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



252, 40, 106



255, 0, 79



252, 79, 40



125, 112, 116



189, 0, 59



61, 0, 19

Inverse Universe

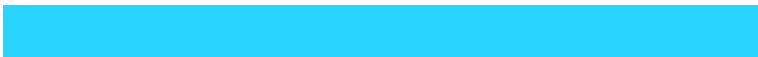
The Inverse Universe completely reimagines the original color for something new.



252, 40, 106



255, 0, 79



40, 213, 252



125, 112, 116



189, 0, 59



61, 0, 19

Previews

White Background



This preview shows how the RGB color 252, 40, 106 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 RGB color 252, 40, 106 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](#).

RGB 252, 40, 106 Background



This preview shows how black text looks on a background with the RGB color 252, 40, 106.



This preview shows how white text looks on a background with the RGB color 252, 40, 106.

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
252, 40, 106

Protanopia
131, 132, 149

Deuteranopia
158, 127, 96



Tritanopia
250, 55, 55

Trichromacy



Original Color

252, 40, 106



Protanomaly

175, 99, 133



Deuteranomaly

192, 95, 100



Tritanomaly

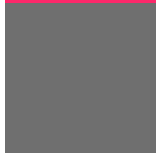
251, 50, 74

Monochromacy



Original Color

252, 40, 106



Achromatopsia

111, 111, 111



Achromatomaly

162, 85, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 40, 106 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(252, 40, 106)` looks like.

```
.text, #text, p{  
    color:rgb(252, 40, 106)  
}
```

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(252, 40, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 40, 106) }
```

Border

The CSS property to change the border of an element to RGB 252, 40, 106 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(252, 40, 106) }
```

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

```
.border{ border-color:rgb(252, 40, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 40, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 40, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 40, 106);  
box-shadow:4px 4px 4px 4px rgb(252, 40,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 252, 40, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 40, 106) }
```

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

```
.background{ background-color: rgb(252, 40,  
106) }
```

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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