

Converting Colors

`RYB(252, 100, 242)`

Have a look what the booklet for
RYB(252, 100, 242) contains.

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Color

R_YB(252, 100, 242)

Conversions

Conversions Part 1

Format	Color
Hex	FC64F2
RGB	252, 100, 242
RGB Percent	99%, 39%, 95%
CMY	0.0118, 0.6078, 0.0510
CMYK	0.00, 0.60, 0.04, 0.01
HSL	304°, 96%, 69%
HSV	304°, 60%, 99%
XYZ	60.7291, 36.2206, 87.7949
YIQ	161.6360, 45.0100, 76.3860

Conversions

Conversions Part 2

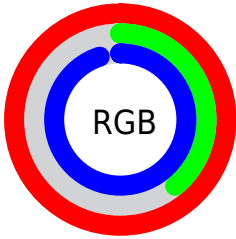
Format	Color
R _Y B	252, 100, 242
Decimal	16540914
CIE _{Lab}	66.69, 74.23, -43.59
CIE _{LCh}	67, 86.084, 329.581
Y _{xy}	36.2206, 0.3287, 0.1961
Android (android.graphics.Color)	4294730994 (0xFFFC64F2)
YUV	161.6360, 39.6195, 79.2492
Hunter-Lab	60.1835, 74.7968, -44.3629

Details

The RYB color **252, 100, 242** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **100, 243, 252**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 159, 255**, and **192, 32, 185** is the 20% darker color. If you saturate the color by 10%, you get **252, 75, 240**, and if you desaturate by 10%, it is **252, 125, 244**.

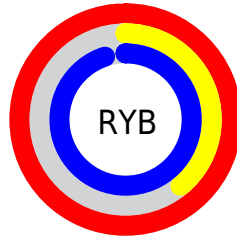
Distribution



Red (99%)

Green (39%)

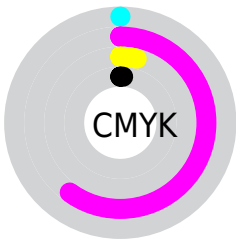
Blue (95%)



Red (99%)

Yellow (39%)

Blue (95%)

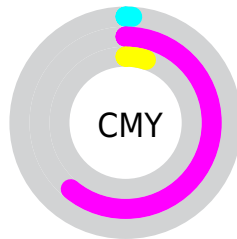


Cyan (0%)

Magenta (60%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (61%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 100, 242 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 252, 100, 242 by changing the saturation by 10% instead.

 252, 100, 242

 252, 100, 242

255, 255, 255

 222, 69, 213

 255, 159, 255

 192, 32, 185

 255, 188, 255

 163, 0, 158

 255, 217, 255

 134, 0, 131

 255, 247, 255

 106, 0, 106

 78, 0, 81

 52, 0, 57

 17, 0, 34

 0, 0, 8

■ 252, 100, 242

■ 252, 100, 242

■ 252, 75, 240

■ 252, 125, 244

■ 252, 50, 239

■ 252, 150, 245

■ 252, 24, 237

■ 252, 176, 247

■ 252, 0, 235

■ 252, 201, 249

■ 252, 226, 250

■ 252, 251, 252

■ 252, 254, 255

■ 252, 254, 255

Harmonies

Analogous

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



151, 142, 255



252, 100, 242



255, 68, 167

Triad

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



252, 100, 242



46, 196, 0



0, 107, 237

Complementary

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



252, 100, 242



100, 243, 252

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, 108, 196



252, 100, 242



0, 179, 60

Square

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



252, 100, 242



255, 249, 0



0, 136, 191



0, 109, 255

Rectangle

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



252, 100, 242



255, 75, 116



0, 136, 191



0, 102, 212

Sweetspot

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



252, 100, 242



255, 209, 252



108, 100, 252



128, 99, 126



0, 0, 0



128, 128, 128

Same Dimension

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



252, 100, 242



255, 71, 243



252, 100, 168



125, 112, 124



189, 0, 176



61, 0, 57

Inverse Universe

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



252, 100, 242



255, 71, 243



100, 198, 252



125, 112, 124



189, 0, 176



61, 0, 57

Previews

White Background



This preview shows how the RYB color 252, 100, 242 looks on a white background.

Color Contrast Check

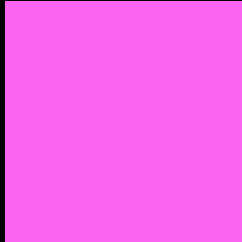
Large Text (above 18pt) WCAG AA × Fail

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 252, 100, 242 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 252, 100, 242 Background



This preview shows how black text looks on a background with the RYB color 252, 100, 242.

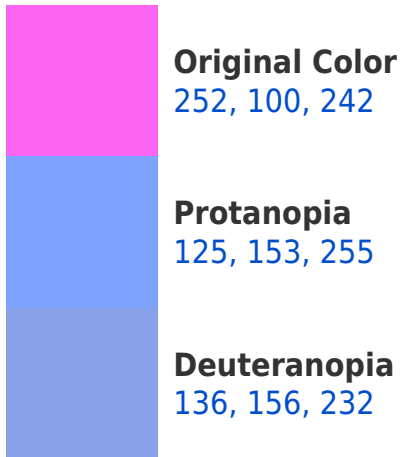



This preview shows how white text looks on a background with the RYB color 252, 100, 242.

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





Tritanopia
240, 129, 138

Trichromacy



Original Color

252, 100, 242



Protanomaly

171, 138, 250



Deuteranomaly

178, 139, 236



Tritanomaly

244, 118, 176

Monochromacy



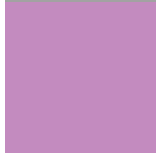
Original Color

252, 100, 242



Achromatopsia

162, 162, 162



Achromatomaly

195, 139, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 100, 242 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, 100, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 100, 242)  
}
```

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, 100, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 100, 242) }
```

Border

The CSS property to change the border of an element to RYB 252, 100, 242 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, 100, 242) }
```

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

```
.border{ border-color:rgb(252, 100, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 100, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 100, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 100, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 100,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 252, 100, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 100, 242) }
```

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

```
.background{ background-color: rgb(252,  
100, 242) }
```

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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