

Converting Colors

RGB(253, 2, 244)

Have a look what the booklet for
RGB(253, 2, 244) contains.

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Color

RGB(253, 2, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FD02F4
RGB	253, 2, 244
RGB Percent	99%, 1%, 96%
CMY	0.0078, 0.9922, 0.0431
CMYK	0.00, 0.99, 0.04, 0.01
HSL	302°, 98%, 50%
HSV	302°, 99%, 99%
XYZ	56.8589, 27.4577, 87.8910
YIQ	104.6370, 71.9140, 128.4740

Conversions

Conversions Part 2

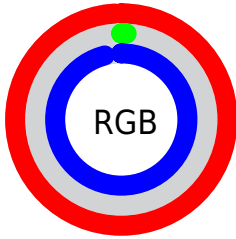
Format	Color
RYB	253, 2, 244
Decimal	16581364
CIELab	59.40, 96.32, -56.23
CIELCh	59, 111.528, 329.725
Yxy	27.4577, 0.3302, 0.1594
Android (android.graphics.Color)	4294771444 (0xFFFD02F4)
YUV	104.6370, 68.7060, 130.1144
Hunter-Lab	52.4001, 101.9884, -62.7674

Details

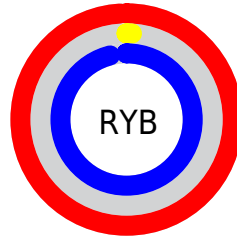
The RGB color **253, 2, 244** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **2, 253, 11**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **255, 105, 255**, and **191, 0, 187** is the 20% darker color. If you saturate the color by 10%, you get **253, 0, 244**, and if you desaturate by 10%, it is **253, 27, 245**.

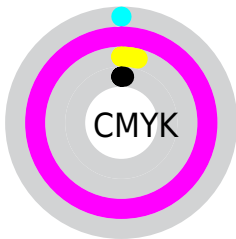
Distribution



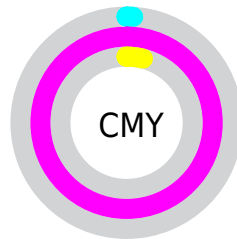
- Red (99%)
- Green (1%)
- Blue (96%)



- Red (99%)
- Yellow (1%)
- Blue (96%)



- Cyan (0%)
- Magenta (99%)
- Yellow (4%)
- Black (1%)




















- Cyan (1%)
- Magenta (99%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 2, 244 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 253, 2, 244 by changing the saturation by 10% instead.

 253, 2, 244	 253, 2, 244
 255, 255, 255	 222, 0, 215
 255, 105, 255	 191, 0, 187
 255, 138, 255	 161, 0, 159
 255, 169, 255	 131, 0, 133
 255, 201, 255	 101, 0, 106
 255, 232, 255	 74, 0, 82
	 42, 0, 57
	 0, 0, 34
	 0, 0, 8

■ 253, 2, 244

■ 253, 2, 244

■ 253, 0, 244

■ 253, 27, 245

■ 253, 53, 246

■ 253, 78, 247

■ 253, 103, 248

■ 253, 129, 249

■ 253, 154, 249

■ 253, 179, 250

■ 253, 204, 251

■ 253, 230, 252

Harmonies

Analogous

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



105, 116, 255



253, 2, 244



255, 0, 149

Triad

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



253, 2, 244



175, 140, 0



0, 181, 239

Complementary

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



253, 2, 244



2, 253, 11

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, 180, 140



253, 2, 244



69, 164, 0

Square

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



253, 2, 244



248, 92, 0



0, 175, 20



0, 177, 255

Rectangle

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



253, 2, 244



255, 0, 85



0, 175, 20



0, 181, 207

Sweetspot

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



253, 2, 244



255, 179, 252



10, 2, 253



128, 82, 126



0, 0, 0



128, 128, 128

Same Dimension

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



253, 2, 244



255, 0, 246



253, 2, 119



128, 115, 127



191, 0, 184



64, 0, 61

Inverse Universe

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



253, 2, 244



255, 0, 246



2, 253, 136



128, 115, 127



191, 0, 184



64, 0, 61

Previews

White Background



This preview shows how the RGB color 253, 2, 244 looks on a white background.

Color Contrast Check

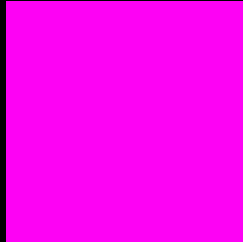
Large Text (above 18pt) WCAG AA ✓ Pass

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 253, 2, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

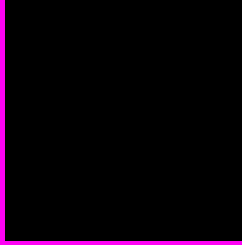
Any Text WCAG AA ✓ Pass

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 253, 2, 244 Background



This preview shows how black text looks on a background with the RGB color 253, 2, 244.

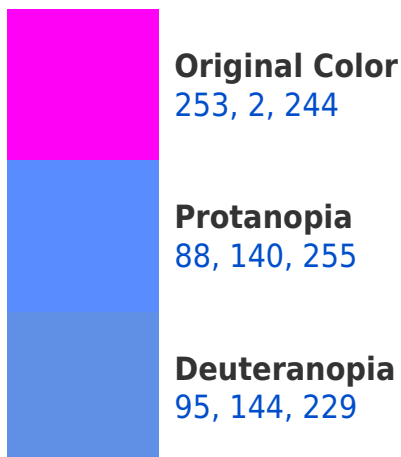



This preview shows how white text looks on a background with the RGB color 253, 2, 244.

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
238, 96, 102

Trichromacy



Original Color

253, 2, 244



Protanomaly

148, 90, 251



Deuteranomaly

152, 92, 234



Tritanomaly

243, 62, 154

Monochromacy



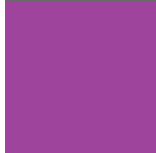
Original Color

253, 2, 244



Achromatopsia

105, 105, 105



Achromatomaly

159, 68, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 2, 244 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(253, 2, 244)` looks like.

```
.text, #text, p{  
    color:rgb(253, 2, 244)  
}
```

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(253, 2, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 2, 244) }
```

Border

The CSS property to change the border of an element to RGB 253, 2, 244 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(253, 2, 244) }
```

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

```
.border{ border-color:rgb(253, 2, 244) }
```

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

Here you see how a box with a 4 pixel rgb(253, 2, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 2, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 2, 244);  
box-shadow:4px 4px 4px 4px rgb(253, 2,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 253, 2, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 2, 244) }
```

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

```
.background{ background-color: rgb(253, 2,  
244) }
```

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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