

Converting Colors

RGB(248, 36, 226)

Have a look what the booklet for
RGB(248, 36, 226) contains.

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Color

RGB(248, 36, 226)

Conversions

Conversions Part 1

Format	Color
Hex	F824E2
RGB	248, 36, 226
RGB Percent	97%, 14%, 89%
CMY	0.0275, 0.8588, 0.1137
CMYK	0.00, 0.85, 0.09, 0.03
HSL	306°, 94%, 56%
HSV	306°, 85%, 97%
XYZ	53.0697, 26.7092, 74.3098
YIQ	121.0480, 65.3620, 104.0340

Conversions

Conversions Part 2

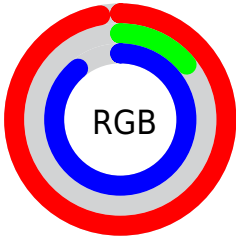
Format	Color
R _Y B	248, 36, 226
Decimal	16262370
CIE _{Lab}	58.70, 89.72, -47.29
CIE _{LCh}	59, 101.421, 332.210
Yxy	26.7092, 0.3444, 0.1733
Android (android.graphics.Color)	4294452450 (0xFFFF824E2)
YUV	121.0480, 51.7413, 111.3369
Hunter-Lab	51.6809, 92.8551, -49.0739

Details

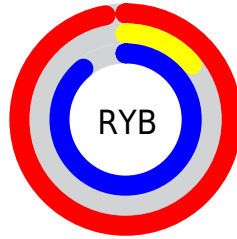
The RGB color **248, 36, 226** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **36, 248, 58**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **255, 113, 255**, and **187, 0, 170** is the 20% darker color. If you saturate the color by 10%, you get **248, 11, 223**, and if you desaturate by 10%, it is **248, 61, 229**.

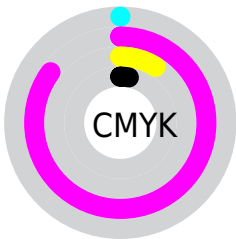
Distribution



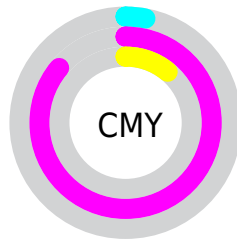
- Red (97%)
- Green (14%)
- Blue (89%)



- Red (97%)
- Yellow (14%)
- Blue (89%)



- Cyan (0%)
- Magenta (85%)
- Yellow (9%)
- Black (3%)




















- Cyan (3%)
- Magenta (86%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 248, 36, 226 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 248, 36, 226 by changing the saturation by 10% instead.

 248, 36, 226	 248, 36, 226
 255, 255, 255	 217, 0, 198
 255, 113, 255	 187, 0, 170
 255, 144, 255	 157, 0, 143
 255, 175, 255	 127, 0, 117
 255, 206, 255	 98, 0, 91
 255, 236, 255	 71, 0, 67
	 40, 0, 44
	 0, 1, 22
	 0, 0, 0

■ 248, 36, 226

■ 248, 36, 226

■ 248, 11, 223

■ 248, 61, 229

■ 248, 0, 222

■ 248, 86, 231

■ 248, 110, 234

■ 248, 135, 236

■ 248, 160, 239

■ 248, 185, 241

■ 248, 210, 244

■ 248, 234, 247

■ 248, 255, 249

Harmonies

Analogous

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



132, 113, 255



248, 36, 226



255, 0, 139

Triad

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



248, 36, 226



166, 140, 0



0, 177, 235

Complementary

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



248, 36, 226



36, 248, 58

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, 176, 146



248, 36, 226



68, 162, 0

Square

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



248, 36, 226



234, 101, 0



0, 172, 47



0, 171, 255

Rectangle

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



248, 36, 226



255, 0, 81



0, 172, 47



0, 177, 207

Sweetspot

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



248, 36, 226



255, 189, 248



57, 36, 248



128, 88, 123



0, 0, 0



128, 128, 128

Same Dimension

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



248, 36, 226



255, 0, 229



248, 36, 121



125, 112, 124



189, 0, 169



61, 0, 55

Inverse Universe

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



248, 36, 226



255, 0, 229



36, 248, 163



125, 112, 124



189, 0, 169



61, 0, 55

Previews

White Background



This preview shows how the RGB color 248, 36, 226 looks on a white background.

Color Contrast Check

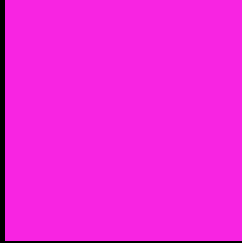
Large Text (above 18pt) WCAG AA ✓ Pass

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 248, 36, 226 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 248, 36, 226 Background



This preview shows how black text looks on a background with the RGB color 248, 36, 226.



This preview shows how white text looks on a background with the RGB color 248, 36, 226.

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


248, 36, 226

Protanopia

83, 138, 255

Deuteranopia

108, 141, 213



Tritanopia
236, 93, 99

Trichromacy



Original Color

248, 36, 226



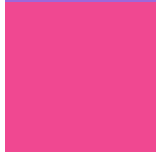
Protanomaly

143, 101, 244



Deuteranomaly

159, 103, 218



Tritanomaly

240, 72, 145

Monochromacy



Original Color

248, 36, 226



Achromatopsia

121, 121, 121



Achromatomaly

167, 90, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 248, 36, 226 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(248, 36, 226) looks like.

```
.text, #text, p{  
    color:rgb(248, 36, 226)  
}
```

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(248, 36, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 36, 226) }
```

Border

The CSS property to change the border of an element to RGB 248, 36, 226 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(248, 36, 226) }
```

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

```
.border{ border-color:rgb(248, 36, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 36, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 36, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 36, 226); box-shadow:4px 4px 4px 4px rgb(248, 36, 226) }
```

Background

The CSS property to change the background color of an element to RGB 248, 36, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 36, 226) }
```

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

```
.background{ background-color: rgb(248, 36,  
226) }
```

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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