

Converting Colors

RGB(232, 9, 201)

Have a look what the booklet for
RGB(232, 9, 201) contains.

RGB(232, 9, 201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(232, 9, 201)

Conversions

Conversions Part 1

Format	Color
Hex	E809C9
RGB	232, 9, 201
RGB Percent	91%, 4%, 79%
CMY	0.0902, 0.9647, 0.2118
CMYK	0.00, 0.96, 0.13, 0.09
HSL	308°, 93%, 47%
HSV	308°, 96%, 91%
XYZ	43.9190, 21.5682, 57.1066
YIQ	97.5650, 71.2760, 106.9880

Conversions

Conversions Part 2

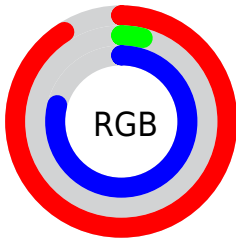
Format	Color
R_{YB}	232, 9, 201
Decimal	15206857
CIE _{Lab}	53.57, 86.70, -41.35
CIE _{LCh}	54, 96.054, 334.503
Yxy	21.5682, 0.3582, 0.1759
Android (android.graphics.Color)	4293396937 (0xFFE809C9)
YUV	97.5650, 50.9935, 117.8995
Hunter-Lab	46.4416, 87.5315, -40.3965

Details

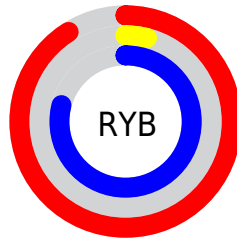
The RGB color **232, 9, 201** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **9, 232, 40**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **255, 100, 255**, and **171, 0, 146** is the 20% darker color. If you saturate the color by 10%, you get **232, 0, 200**, and if you desaturate by 10%, it is **232, 32, 204**.

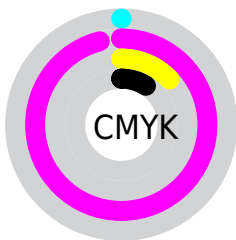
Distribution



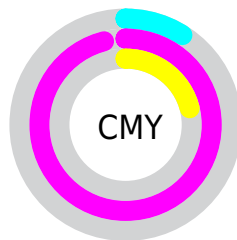
- Red (91%)
- Green (4%)
- Blue (79%)



- Red (91%)
- Yellow (4%)
- Blue (79%)



- Cyan (0%)
- Magenta (96%)
- Yellow (13%)
- Black (9%)


















- Cyan (9%)
- Magenta (96%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 9, 201 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 232, 9, 201 by changing the saturation by 10% instead.

 232, 9, 201	 232, 9, 201
255, 255, 255	 201, 0, 173
 255, 100, 255	 171, 0, 146
 255, 132, 255	 142, 0, 120
 255, 162, 255	 112, 0, 95
 255, 193, 255	 84, 0, 71
 255, 223, 255	 55, 0, 47
255, 254, 255	 22, 0, 25
	 0, 0, 0

 232, 9, 201	 232, 9, 201
---	---

■ 232, 0, 200

■ 232, 32, 204

■ 232, 55, 207

■ 232, 79, 211

■ 232, 102, 214

■ 232, 125, 217

■ 232, 148, 220

■ 232, 171, 224

■ 232, 195, 227

■ 232, 218, 230

Harmonies

Analogous

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



131, 98, 255



232, 9, 201



255, 0, 120

Triad

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



232, 9, 201



145, 129, 0



0, 161, 221

Complementary

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



232, 9, 201



9, 232, 40

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, 160, 139



232, 9, 201



47, 148, 0

Square

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



232, 9, 201



210, 94, 0



0, 157, 48



0, 155, 255

Rectangle

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



232, 9, 201



255, 0, 66



0, 157, 48



0, 161, 195

Sweetspot

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



232, 9, 201



255, 181, 245



39, 9, 232



128, 83, 121



0, 0, 0



128, 128, 128

Same Dimension

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



232, 9, 201



255, 0, 220



232, 9, 91



115, 103, 113



179, 0, 154



51, 0, 44

Inverse Universe

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



232, 9, 201



255, 0, 220



9, 232, 150



115, 103, 113



179, 0, 154



51, 0, 44

Previews

White Background



This preview shows how the RGB color 232, 9, 201 looks on a white background.

Color Contrast Check

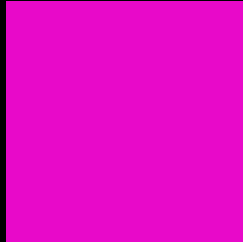
Large Text (above 18pt) WCAG AA ✓ Pass

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 232, 9, 201 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 232, 9, 201 Background



This preview shows how black text looks on a background with the RGB color 232, 9, 201.



This preview shows how white text looks on a background with the RGB color 232, 9, 201.

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
232, 9, 201

Protanopia
44, 125, 255

Deuteranopia
104, 128, 189



Tritanopia
221, 79, 84

Trichromacy



Original Color

232, 9, 201



Protanomaly

112, 83, 235



Deuteranomaly

151, 85, 193



Tritanomaly

225, 54, 127

Monochromacy



Original Color

232, 9, 201



Achromatopsia

98, 98, 98



Achromatomaly

147, 66, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 9, 201 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(232, 9, 201)` looks like.

```
.text, #text, p{  
    color:rgb(232, 9, 201)  
}
```

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(232, 9, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 9, 201) }
```

Border

The CSS property to change the border of an element to RGB 232, 9, 201 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(232, 9, 201) }
```

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

```
.border{ border-color:rgb(232, 9, 201) }
```

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

Here you see how a box with a 4 pixel rgb(232, 9, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 9, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 9, 201);  
box-shadow:4px 4px 4px 4px rgb(232, 9,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 232, 9, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 9, 201) }
```

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

```
.background{ background-color: rgb(232, 9,  
201) }
```

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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