

Converting Colors

RGB(232, 12, 132)

Have a look what the booklet for
RGB(232, 12, 132) contains.

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Color

RGB(232, 12, 132)

Conversions

Conversions Part 1

Format	Color
Hex	E80C84
RGB	232, 12, 132
RGB Percent	91%, 5%, 52%
CMY	0.0902, 0.9529, 0.4824
CMYK	0.00, 0.95, 0.43, 0.09
HSL	327°, 90%, 48%
HSV	327°, 95%, 91%
XYZ	37.5750, 19.0847, 23.5331
YIQ	91.4600, 92.6000, 83.9600

Conversions

Conversions Part 2

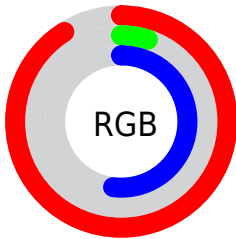
Format	Color
R_{YB}	232, 12, 132
Decimal	15207556
CIE _{Lab}	50.79, 79.09, -4.88
CIE _{LCh}	51, 79.243, 356.472
Yxy	19.0847, 0.4686, 0.2380
Android (android.graphics.Color)	4293397636 (0xFFE80C84)
YUV	91.4600, 19.9862, 123.2536
Hunter-Lab	43.6860, 77.0801, -1.3585

Details

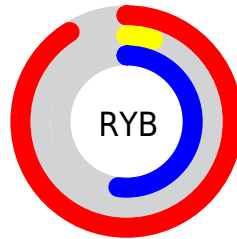
The RGB color **232, 12, 132** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **12, 232, 112**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **255, 97, 185**, and **170, 0, 83** is the 20% darker color. If you saturate the color by 10%, you get **232, 0, 127**, and if you desaturate by 10%, it is **232, 35, 143**.

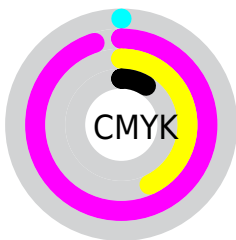
Distribution



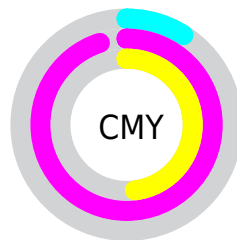
- Red (91%)
- Green (5%)
- Blue (52%)



- Red (91%)
- Yellow (5%)
- Blue (52%)



- Cyan (0%)
- Magenta (95%)
- Yellow (43%)
- Black (9%)




- Cyan (9%)
- Magenta (95%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the RGB color 232, 12, 132 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, 12, 132 by changing the saturation by 10% instead.

 232, 12, 132

 232, 12, 132

255, 255, 255

 201, 0, 107

 255, 97, 185

 170, 0, 83


 255, 129, 213

 139, 0, 60

 255, 159, 241

 109, 0, 38

 255, 189, 255

 81, 0, 18

 255, 219, 255

 50, 0, 2

 255, 249, 255

 0, 0, 0

 232, 12, 132


 232, 12, 132


 232, 0, 127


 232, 35, 143


 232, 58, 153


 232, 82, 164

 232, 105, 174

 232, 128, 185

 232, 151, 195

 232, 174, 206

 232, 198, 216

 232, 221, 227

Harmonies

Analogous

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



192, 66, 197



232, 12, 132



232, 39, 66

Triad

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



232, 12, 132



88, 134, 0



0, 145, 234

Complementary

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



232, 12, 132



12, 232, 112

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, 149, 180



232, 12, 132



0, 144, 36

Square

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



232, 12, 132



154, 116, 0



0, 149, 111



0, 132, 255

Rectangle

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



232, 12, 132



216, 71, 17



0, 149, 111



0, 147, 219

Sweetspot

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



232, 12, 132



255, 184, 223



111, 12, 232



128, 84, 108



0, 0, 0



128, 128, 128

Same Dimension

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



232, 12, 132



255, 0, 139



232, 12, 23



115, 103, 110



179, 0, 97



51, 0, 28

Inverse Universe

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



232, 12, 132



255, 0, 139



12, 232, 221



115, 103, 110



179, 0, 97



51, 0, 28

Previews

White Background



This preview shows how the RGB color 232, 12, 132 looks on a white background.

Color Contrast Check

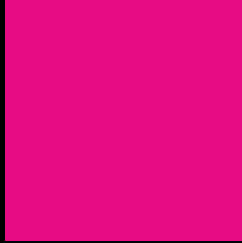
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12, 132 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, 12, 132 Background



This preview shows how black text looks on a background with the RGB color 232, 12, 132.



This preview shows how white text looks on a background with the RGB color 232, 12, 132.

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, 12, 132

Protanopia
97, 120, 189

Deuteranopia
134, 118, 122



Tritanopia
228, 53, 54

Trichromacy



Original Color

232, 12, 132



Protanomaly

146, 81, 168



Deuteranomaly

170, 79, 126



Tritanomaly

229, 38, 82

Monochromacy



Original Color

232, 12, 132



Achromatopsia

91, 91, 91



Achromatomaly

142, 62, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 12, 132 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, 12, 132)` looks like.

```
.text, #text, p{  
    color:rgb(232, 12, 132)  
}
```

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, 12, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 12, 132) }
```

Border

The CSS property to change the border of an element to RGB 232, 12, 132 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, 12, 132) }
```

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

```
.border{ border-color:rgb(232, 12, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 12, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 12, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 12, 132);  
box-shadow:4px 4px 4px 4px rgb(232, 12,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 232, 12, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 12, 132) }
```

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

```
.background{ background-color: rgb(232, 12,  
132) }
```

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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