

Converting Colors

RGB(232, 66, 164)

Have a look what the booklet for
RGB(232, 66, 164) contains.

RGB(232, 66, 164)	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, 66, 164)

Conversions

Conversions Part 1

Format	Color
Hex	E842A4
RGB	232, 66, 164
RGB Percent	91%, 26%, 64%
CMY	0.0902, 0.7412, 0.3569
CMYK	0.00, 0.72, 0.29, 0.09
HSL	325°, 78%, 58%
HSV	325°, 72%, 91%
XYZ	41.9278, 23.7326, 37.4930
YIQ	126.8060, 67.4780, 65.6700

Conversions

Conversions Part 2

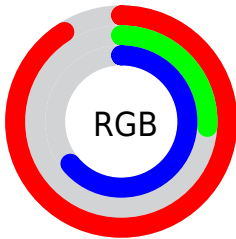
Format	Color
R _Y B	232, 66, 164
Decimal	15221412
CIE Lab	55.82, 71.05, -16.36
CIE LCh	56, 72.913, 347.037
Yxy	23.7326, 0.4065, 0.2301
Android (android.graphics.Color)	4293411492 (0xFFE842A4)
YUV	126.8060, 18.3366, 92.2551
Hunter-Lab	48.7161, 68.3739, -11.5296

Details

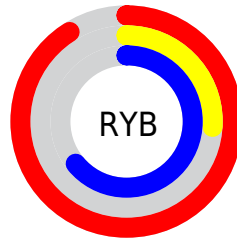
The RGB color **232, 66, 164** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **66, 232, 134**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **255, 127, 219**, and **172, 0, 112** is the 20% darker color. If you saturate the color by 10%, you get **232, 43, 154**, and if you desaturate by 10%, it is **232, 89, 174**.

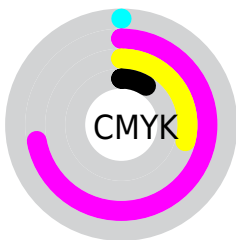
Distribution



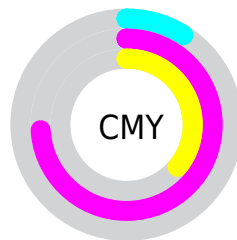
- Red (91%)
- Green (26%)
- Blue (64%)



- Red (91%)
- Yellow (26%)
- Blue (64%)



- Cyan (0%)
- Magenta (72%)
- Yellow (29%)
- Black (9%)



- Cyan (9%)
- Magenta (74%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 66, 164 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, 66, 164 by changing the saturation by 10% instead.



232, 66, 164



232, 66, 164

255, 255, 255



202, 27, 138



255, 127, 219



172, 0, 112



255, 156, 248



142, 0, 88



255, 185, 255



113, 0, 64



255, 215, 255



85, 0, 42



255, 245, 255



57, 0, 21



22, 0, 0



0, 0, 0



232, 66, 164



232, 66, 164

■ 232, 43, 154

■ 232, 89, 174

■ 232, 20, 145

■ 232, 112, 183

■ 232, 0, 137

■ 232, 136, 193

■ 232, 159, 202

■ 232, 182, 212

■ 232, 205, 221

■ 232, 228, 231

■ 232, 252, 240

■ 232, 255, 250

Harmonies

Analogous

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



180, 98, 221



232, 66, 164



244, 63, 101

Triad

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



232, 66, 164



128, 142, 0



0, 159, 226

Complementary

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



232, 66, 164



66, 232, 134

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, 162, 169



232, 66, 164



41, 154, 36

Square

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



232, 66, 164



184, 121, 0



0, 160, 103



0, 149, 255

Rectangle

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



232, 66, 164



234, 81, 61



0, 160, 103



0, 161, 209

Sweetspot

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



232, 66, 164



255, 201, 233



132, 66, 232



128, 96, 114



0, 0, 0



128, 128, 128

Same Dimension

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



232, 66, 164



255, 36, 165



232, 66, 83



115, 103, 110



179, 0, 105



51, 0, 30

Inverse Universe

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



232, 66, 164



255, 36, 165



66, 232, 215



115, 103, 110



179, 0, 105



51, 0, 30

Previews

White Background



This preview shows how the RGB color 232, 66, 164 looks on a white background.

Color Contrast Check

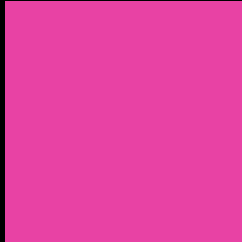
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66, 164 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, 66, 164 Background



This preview shows how black text looks on a background with the RGB color 232, 66, 164.

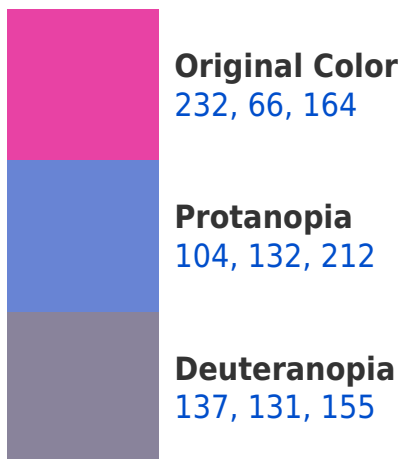


This preview shows how white text looks on a background with the RGB color 232, 66, 164.

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
226, 86, 92

Trichromacy



Original Color

232, 66, 164



Protanomaly

151, 108, 195



Deuteranomaly

172, 107, 158



Tritanomaly

228, 79, 118

Monochromacy



Original Color

232, 66, 164



Achromatopsia

127, 127, 127



Achromatomaly

165, 105, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 66, 164 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, 66, 164) looks like.

```
.text, #text, p{  
    color:rgb(232, 66, 164)  
}
```

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, 66, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 66, 164) }
```

Border

The CSS property to change the border of an element to RGB 232, 66, 164 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, 66, 164) }
```

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

```
.border{ border-color:rgb(232, 66, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 66, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 66, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 66, 164);  
box-shadow:4px 4px 4px 4px rgb(232, 66,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 232, 66, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 66, 164) }
```

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

```
.background{ background-color: rgb(232, 66,  
164) }
```

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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