

Converting Colors

RGB(238, 42, 205)

Have a look what the booklet for
RGB(238, 42, 205) contains.

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Color

RGB(238, 42, 205)

Conversions

Conversions Part 1

Format	Color
Hex	EE2ACD
RGB	238, 42, 205
RGB Percent	93%, 16%, 80%
CMY	0.0667, 0.8353, 0.1961
CMYK	0.00, 0.82, 0.14, 0.07
HSL	310°, 85%, 55%
HSV	310°, 82%, 93%
XYZ	47.1073, 24.2408, 59.9537
YIQ	119.1860, 64.4930, 92.2450

Conversions

Conversions Part 2

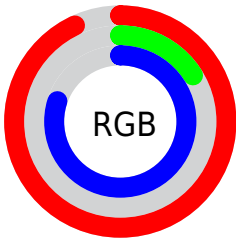
Format	Color
R _{YB}	238, 42, 205
Decimal	15608525
CIE Lab	56.33, 83.93, -39.22
CIE LCh	56, 92.642, 334.952
Yxy	24.2408, 0.3588, 0.1846
Android (android.graphics.Color)	4293798605 (0xFFEE2ACD)
YUV	119.1860, 42.3063, 104.1999
Hunter-Lab	49.2350, 84.6249, -37.7333

Details

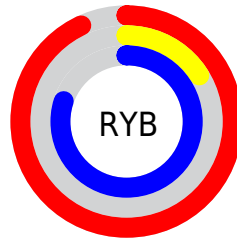
The RGB color **238, 42, 205** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **42, 238, 75**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **255, 113, 255**, and **177, 0, 150** is the 20% darker color. If you saturate the color by 10%, you get **238, 18, 201**, and if you desaturate by 10%, it is **238, 66, 209**.

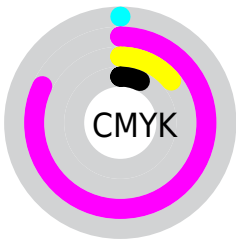
Distribution



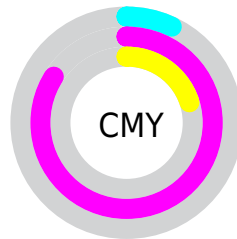
- Red (93%)
- Green (16%)
- Blue (80%)



- Red (93%)
- Yellow (16%)
- Blue (80%)



- Cyan (0%)
- Magenta (82%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (84%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 42, 205 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 238, 42, 205 by changing the saturation by 10% instead.



238, 42, 205



238, 42, 205

255, 255, 255



208, 0, 177



255, 113, 255



177, 0, 150



255, 144, 255



148, 0, 124



255, 174, 255



119, 0, 99



255, 204, 255



90, 0, 74



255, 235, 255



62, 0, 51



32, 0, 29



0, 0, 0



238, 42, 205



238, 42, 205

■ 238, 18, 201

■ 238, 66, 209

■ 238, 0, 198

■ 238, 90, 213

■ 238, 113, 217

■ 238, 137, 221

■ 238, 161, 225

■ 238, 185, 229

■ 238, 209, 233

■ 238, 232, 237

■ 238, 255, 241

Harmonies

Analogous

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



143, 105, 255



238, 42, 205



255, 0, 126

Triad

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



238, 42, 205



153, 137, 0



0, 168, 227

Complementary

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



238, 42, 205



42, 238, 75

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, 168, 147



238, 42, 205



61, 155, 0

Square

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



238, 42, 205



216, 103, 0



0, 164, 60



0, 161, 255

Rectangle

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



238, 42, 205



255, 5, 73



0, 164, 60



0, 168, 202

Sweetspot

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



238, 42, 205



255, 191, 244



75, 42, 238



128, 89, 121



0, 0, 0



128, 128, 128

Same Dimension

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



238, 42, 205



255, 3, 212



238, 42, 107



120, 108, 118



184, 0, 153



56, 0, 47

Inverse Universe

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



238, 42, 205



255, 3, 212



42, 238, 173



120, 108, 118



184, 0, 153



56, 0, 47

Previews

White Background



This preview shows how the RGB color 238, 42, 205 looks on a white background.

Color Contrast Check

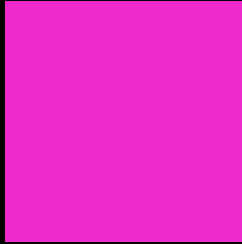
Large Text (above 18pt) WCAG AA ✓ Pass

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 238, 42, 205 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 238, 42, 205 Background



This preview shows how black text looks on a background with the RGB color 238, 42, 205.

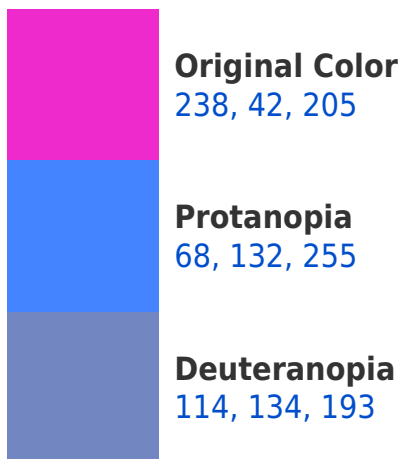



This preview shows how white text looks on a background with the RGB color 238, 42, 205.

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
228, 88, 93

Trichromacy



Original Color

238, 42, 205



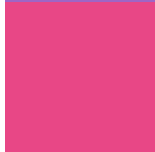
Protanomaly

130, 99, 237



Deuteranomaly

159, 101, 197



Tritanomaly

232, 71, 134

Monochromacy



Original Color

238, 42, 205



Achromatopsia

119, 119, 119



Achromatomaly

162, 91, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 42, 205 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(238, 42, 205) looks like.

```
.text, #text, p{  
    color:rgb(238, 42, 205)  
}
```

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(238, 42, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 42, 205) }
```

Border

The CSS property to change the border of an element to RGB 238, 42, 205 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(238, 42, 205) }
```

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

```
.border{ border-color:rgb(238, 42, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 42, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 42, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 42, 205);  
box-shadow:4px 4px 4px 4px rgb(238, 42,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 238, 42, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 42, 205) }
```

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

```
.background{ background-color: rgb(238, 42,  
205) }
```

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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