

Converting Colors

RGB(224, 40, 217)

Have a look what the booklet for
RGB(224, 40, 217) contains.

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Color

RGB(224, 40, 217)

Conversions

Conversions Part 1

Format	Color
Hex	E028D9
RGB	224, 40, 217
RGB Percent	88%, 16%, 85%
CMY	0.1216, 0.8431, 0.1490
CMYK	0.00, 0.82, 0.03, 0.12
HSL	302°, 75%, 52%
HSV	302°, 82%, 88%
XYZ	44.0236, 22.3746, 67.6441
YIQ	115.1940, 52.8470, 94.0550

Conversions

Conversions Part 2

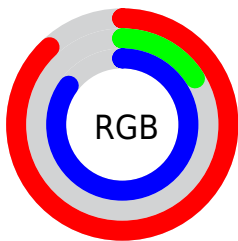
Format	Color
R _{YB}	224, 40, 217
Decimal	14690521
CIE Lab	54.42, 83.31, -49.24
CIE LCh	54, 96.776, 329.418
Yxy	22.3746, 0.3284, 0.1669
Android (android.graphics.Color)	4292880601 (0xFFE028D9)
YUV	115.1940, 50.1904, 95.4229
Hunter-Lab	47.3018, 83.3511, -51.6765

Details

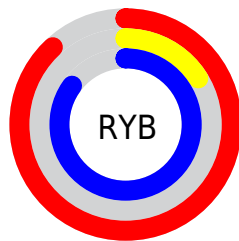
The RGB color **224, 40, 217** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **40, 224, 47**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **255, 110, 255**, and **164, 0, 161** is the 20% darker color. If you saturate the color by 10%, you get **224, 18, 216**, and if you desaturate by 10%, it is **224, 62, 218**.

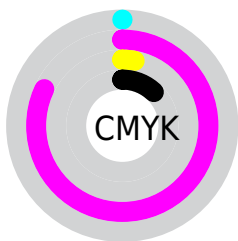
Distribution



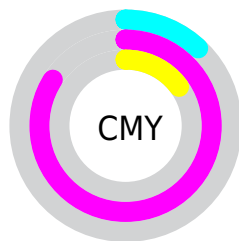
- Red (88%)
- Green (16%)
- Blue (85%)



- Red (88%)
- Yellow (16%)
- Blue (85%)



- Cyan (0%)
- Magenta (82%)
- Yellow (3%)
- Black (12%)




















- Cyan (12%)
- Magenta (84%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 40, 217 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 224, 40, 217 by changing the saturation by 10% instead.

 224, 40, 217	 224, 40, 217
 255, 255, 255	 194, 0, 189
 255, 110, 255	 164, 0, 161
 255, 141, 255	 135, 0, 135
 255, 171, 255	 106, 0, 109
 255, 201, 255	 78, 0, 84
 255, 231, 255	 50, 0, 60
	 14, 0, 37
	 0, 0, 12
	 0, 0, 0

■ 224, 40, 217

■ 224, 40, 217

■ 224, 18, 216

■ 224, 62, 218

■ 224, 0, 215

■ 224, 85, 219

■ 224, 107, 220

■ 224, 130, 220

■ 224, 152, 221

■ 224, 174, 222

■ 224, 197, 223

■ 224, 219, 224

■ 224, 242, 225

Harmonies

Analogous

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



102, 108, 255



224, 40, 217



255, 0, 136

Triad

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



224, 40, 217



160, 127, 0



0, 164, 211

Complementary

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



224, 40, 217



40, 224, 47

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, 163, 126



224, 40, 217



73, 148, 0

Square

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



224, 40, 217



223, 88, 0



0, 158, 30



0, 159, 255

Rectangle

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



224, 40, 217



255, 0, 81



0, 158, 30



0, 164, 184

Sweetspot

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



224, 40, 217



255, 191, 253



46, 40, 224



128, 89, 126



0, 0, 0



128, 128, 128

Same Dimension

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



224, 40, 217



255, 3, 245



224, 40, 126



112, 101, 112



176, 0, 169



48, 0, 47

Inverse Universe

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



224, 40, 217



255, 3, 245



40, 224, 138



112, 101, 112



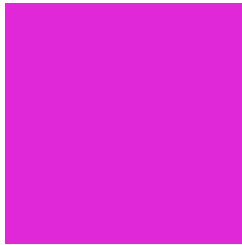
176, 0, 169



48, 0, 47

Previews

White Background



This preview shows how the RGB color 224, 40, 217 looks on a white background.

Color Contrast Check

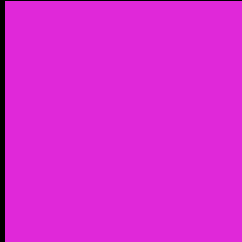
Large Text (above 18pt) WCAG AA ✓ Pass

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 224, 40, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

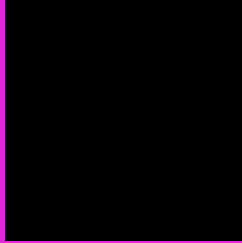
Any Text WCAG AA ✓ Pass

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 224, 40, 217 Background



This preview shows how black text looks on a background with the RGB color 224, 40, 217.

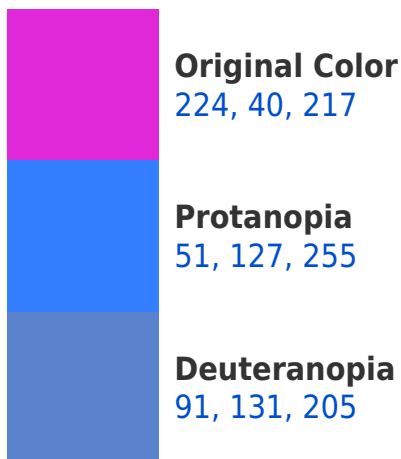


This preview shows how white text looks on a background with the RGB color 224, 40, 217.

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
211, 91, 97

Trichromacy



Original Color

224, 40, 217



Protanomaly

114, 95, 241



Deuteranomaly

139, 98, 209



Tritanomaly

216, 72, 141

Monochromacy



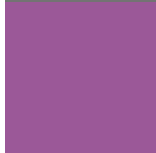
Original Color

224, 40, 217



Achromatopsia

115, 115, 115



Achromatomaly

155, 88, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 40, 217 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(224, 40, 217)` looks like.

```
.text, #text, p{  
    color:rgb(224, 40, 217)  
}
```

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(224, 40, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 40, 217) }
```

Border

The CSS property to change the border of an element to RGB 224, 40, 217 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(224, 40, 217) }
```

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

```
.border{ border-color:rgb(224, 40, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 40, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 40, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 40, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 40,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 224, 40, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 40, 217) }
```

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

```
.background{ background-color: rgb(224, 40,  
217) }
```

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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