

Converting Colors

RGB(226, 60, 193)

Have a look what the booklet for
RGB(226, 60, 193) contains.

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Color

RGB(226, 60, 193)

Conversions

Conversions Part 1

Format	Color
Hex	E23CC1
RGB	226, 60, 193
RGB Percent	89%, 24%, 76%
CMY	0.1137, 0.7647, 0.2431
CMYK	0.00, 0.73, 0.15, 0.11
HSL	312°, 74%, 56%
HSV	312°, 73%, 89%
XYZ	42.6055, 23.2507, 52.6944
YIQ	124.7960, 56.2430, 76.5550

Conversions

Conversions Part 2

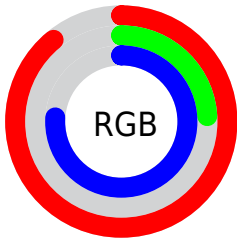
Format	Color
R _Y B	226, 60, 193
Decimal	14826689
CIE Lab	55.33, 75.20, -34.04
CIE LCh	55, 82.550, 335.646
Yxy	23.2507, 0.3594, 0.1961
Android (android.graphics.Color)	4293016769 (0xFFE23CC1)
YUV	124.7960, 33.6246, 88.7559
Hunter-Lab	48.2190, 73.3364, -31.0396

Details

The RGB color **226, 60, 193** 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 **60, 226, 93**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **255, 122, 250**, and **167, 0, 139** is the 20% darker color. If you saturate the color by 10%, you get **226, 37, 189**, and if you desaturate by 10%, it is **226, 83, 197**.

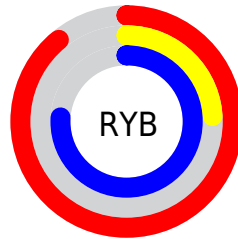
Distribution



Red (89%)

Green (24%)

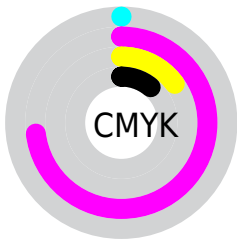
Blue (76%)



Red (89%)

Yellow (24%)

Blue (76%)

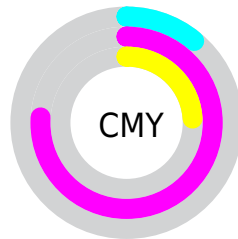


Cyan (0%)

Magenta (73%)

Yellow (15%)

Black (11%)



Cyan (11%)


Magenta (76%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 60, 193 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 226, 60, 193 by changing the saturation by 10% instead.

 226, 60, 193

 226, 60, 193

255, 255, 255

 196, 14, 166

 255, 122, 250

 167, 0, 139


 255, 152, 255

 137, 0, 113

 255, 181, 255

 109, 0, 88

 255, 211, 255

 81, 0, 64

 255, 241, 255

 54, 0, 42

 19, 0, 19

 0, 0, 0

 226, 60, 193

 226, 60, 193

■ 226, 37, 189

■ 226, 83, 197

■ 226, 15, 184

■ 226, 105, 202

■ 226, 0, 181

■ 226, 128, 206

■ 226, 150, 211

■ 226, 173, 215

■ 226, 196, 220

■ 226, 218, 224

■ 226, 241, 229

■ 226, 255, 233

Harmonies

Analogous

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



145, 106, 250



226, 60, 193



255, 24, 122

Triad

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



226, 60, 193



149, 134, 0



0, 162, 215

Complementary

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



226, 60, 193



60, 226, 93

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, 145



226, 60, 193



70, 151, 0

Square

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



226, 60, 193



206, 106, 0



0, 159, 69



0, 155, 255

Rectangle

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



226, 60, 193



252, 48, 76



0, 159, 69



0, 163, 193

Sweetspot

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



226, 60, 193



255, 199, 244



90, 60, 226



128, 94, 121



0, 0, 0



128, 128, 128

Same Dimension

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



226, 60, 193



255, 31, 210



226, 60, 113



112, 101, 110



176, 0, 141



48, 0, 39

Inverse Universe

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



226, 60, 193



255, 31, 210



60, 226, 173



112, 101, 110



176, 0, 141



48, 0, 39

Previews

White Background



This preview shows how the RGB color 226, 60, 193 looks on a white background.

Color Contrast Check

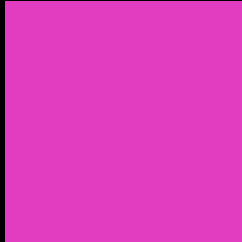
Large Text (above 18pt) WCAG AA ✓ Pass

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 226, 60, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

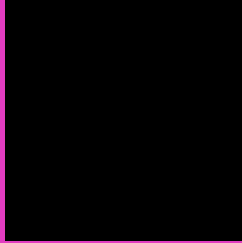
Any Text WCAG AA ✓ Pass

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 226, 60, 193 Background



This preview shows how black text looks on a background with the RGB color 226, 60, 193.

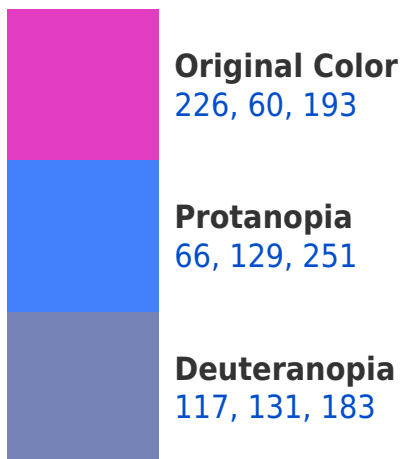


This preview shows how white text looks on a background with the RGB color 226, 60, 193.

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
217, 91, 97

Trichromacy



Original Color

226, 60, 193



Protanomaly

124, 104, 230



Deuteranomaly

157, 105, 187



Tritanomaly

220, 80, 132

Monochromacy



Original Color

226, 60, 193



Achromatopsia

125, 125, 125



Achromatomaly

162, 101, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 60, 193 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(226, 60, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 60, 193)  
}
```

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(226, 60, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 60, 193) }
```

Border

The CSS property to change the border of an element to RGB 226, 60, 193 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(226, 60, 193) }
```

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

```
.border{ border-color:rgb(226, 60, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 60, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 60, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 60, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 60,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 226, 60, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 60, 193) }
```

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

```
.background{ background-color: rgb(226, 60,  
193) }
```

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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