

Converting Colors

RGB(230, 70, 161)

Have a look what the booklet for
RGB(230, 70, 161) contains.

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Color

RGB(230, 70, 161)

Conversions

Conversions Part 1

Format	Color
Hex	E646A1
RGB	230, 70, 161
RGB Percent	90%, 27%, 63%
CMY	0.0980, 0.7255, 0.3686
CMYK	0.00, 0.70, 0.30, 0.10
HSL	326°, 76%, 59%
HSV	326°, 70%, 90%
XYZ	41.2563, 23.7765, 36.1331
YIQ	128.2140, 66.1490, 62.2210

Conversions

Conversions Part 2

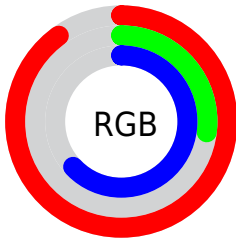
Format	Color
R_{YB}	230, 70, 161
Decimal	15091361
CIE _{Lab}	55.86, 68.82, -14.56
CIE _{LCh}	56, 70.345, 348.051
Yxy	23.7765, 0.4078, 0.2350
Android (android.graphics.Color)	4293281441 (0xFFE646A1)
YUV	128.2140, 16.1635, 89.2663
Hunter-Lab	48.7612, 65.6949, -9.8024

Details

The RGB color **230, 70, 161** 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 **70, 230, 139**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **255, 129, 216**, and **170, 0, 109** is the 20% darker color. If you saturate the color by 10%, you get **230, 47, 151**, and if you desaturate by 10%, it is **230, 93, 171**.

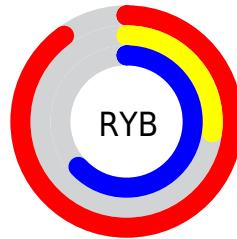
Distribution



Red (90%)

Green (27%)

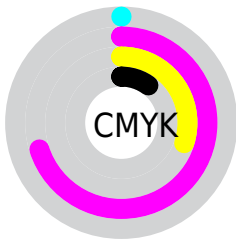
Blue (63%)



Red (90%)

Yellow (27%)

Blue (63%)

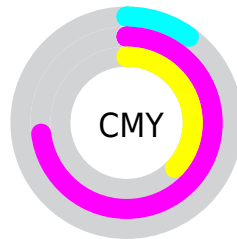


Cyan (0%)

Magenta (70%)

Yellow (30%)

Black (10%)



Cyan (10%)


Magenta (73%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RGB color 230, 70, 161 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 230, 70, 161 by changing the saturation by 10% instead.

 230, 70, 161

 230, 70, 161

255, 255, 255

 200, 35, 135

 255, 129, 216

 170, 0, 109

 255, 158, 244

 141, 0, 85

 255, 188, 255

 112, 0, 62

 255, 217, 255


 83, 0, 40

 255, 247, 255

 56, 0, 18

 18, 0, 0

 0, 0, 0

 230, 70, 161

 230, 70, 161

■ 230, 47, 151

■ 230, 93, 171

■ 230, 24, 141

■ 230, 116, 181

■ 230, 1, 131

■ 230, 139, 191

■ 230, 0, 131

■ 230, 162, 201

■ 230, 185, 211

■ 230, 208, 221

■ 230, 231, 230

■ 230, 254, 240

■ 230, 255, 250

Harmonies

Analogous

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



182, 99, 216



230, 70, 161



241, 68, 100

Triad

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



230, 70, 161



126, 142, 0



0, 158, 224

Complementary

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



230, 70, 161



70, 230, 139

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, 161, 170



230, 70, 161



43, 154, 43

Square

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



230, 70, 161



181, 122, 0



0, 160, 106



0, 148, 254

Rectangle

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



230, 70, 161



231, 85, 61



0, 160, 106



0, 160, 208

Sweetspot

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



230, 70, 161



255, 201, 232



137, 70, 230



128, 96, 114



0, 0, 0



128, 128, 128

Same Dimension

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



230, 70, 161



255, 43, 164



230, 70, 83



115, 103, 110



179, 0, 102



51, 0, 29

Inverse Universe

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



230, 70, 161



255, 43, 164



70, 230, 217



115, 103, 110



179, 0, 102



51, 0, 29

Previews

White Background



This preview shows how the RGB color 230, 70, 161 looks on a white background.

Color Contrast Check

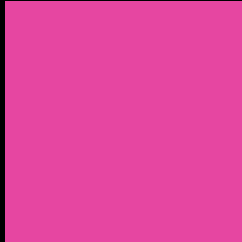
Large Text (above 18pt) WCAG AA ✓ Pass

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 230, 70, 161 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 230, 70, 161 Background



This preview shows how black text looks on a background with the RGB color 230, 70, 161.

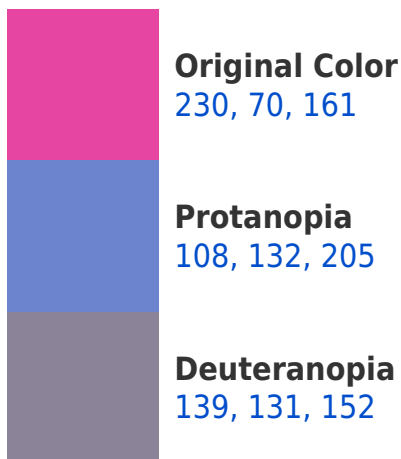


This preview shows how white text looks on a background with the RGB color 230, 70, 161.

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
225, 88, 94

Trichromacy



Original Color
230, 70, 161



Protanomaly
152, 109, 189



Deuteranomaly
172, 109, 155



Tritanomaly
227, 81, 118

Monochromacy



Original Color
230, 70, 161



Achromatopsia
128, 128, 128



Achromatomaly
165, 107, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 70, 161 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(230, 70, 161) looks like.

```
.text, #text, p{  
    color:rgb(230, 70, 161)  
}
```

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(230, 70, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 70, 161) }
```

Border

The CSS property to change the border of an element to RGB 230, 70, 161 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(230, 70, 161) }
```

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

```
.border{ border-color:rgb(230, 70, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 70, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 70, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 70, 161);  
box-shadow:4px 4px 4px 4px rgb(230, 70,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 230, 70, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 70, 161) }
```

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

```
.background{ background-color: rgb(230, 70,  
161) }
```

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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