

Converting Colors

RGB(223, 113, 241)

Have a look what the booklet for
RGB(223, 113, 241) contains.

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Color

RGB(223, 113, 241)

Conversions

Conversions Part 1

Format	Color
Hex	DF71F1
RGB	223, 113, 241
RGB Percent	87%, 44%, 95%
CMY	0.1255, 0.5569, 0.0549
CMYK	0.07, 0.53, 0.00, 0.05
HSL	292°, 82%, 69%
HSV	292°, 53%, 95%
XYZ	52.2137, 33.8491, 87.0007
YIQ	160.4820, 24.4720, 63.1280

Conversions

Conversions Part 2

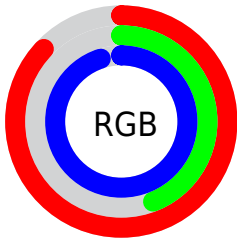
Format	Color
R _Y B	223, 113, 241
Decimal	14643697
CIE Lab	64.84, 61.04, -46.20
CIE LCh	65, 76.554, 322.875
Yxy	33.8491, 0.3017, 0.1956
Android (android.graphics.Color)	4292833777 (0xFFDF71F1)
YUV	160.4820, 39.6954, 54.8283
Hunter-Lab	58.1800, 58.3802, -47.9346

Details

The RGB color **223, 113, 241** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **131, 241, 113**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 169, 255**, and **165, 57, 184** is the 20% darker color. If you saturate the color by 10%, you get **220, 89, 241**, and if you desaturate by 10%, it is **226, 137, 241**.

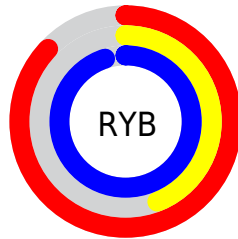
Distribution



Red (87%)

Green (44%)

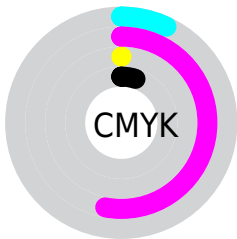
Blue (95%)



Red (87%)

Yellow (44%)

Blue (95%)

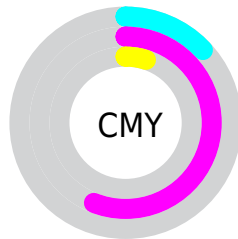


Cyan (7%)

Magenta (53%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (56%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 113, 241 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 223, 113, 241 by changing the saturation by 10% instead.

 223, 113, 241

 223, 113, 241

255, 255, 255

 194, 85, 212

 255, 169, 255

 165, 57, 184

 255, 197, 255

 137, 25, 157

 255, 226, 255

 109, 0, 130

 82, 0, 105

 55, 0, 80

 29, 0, 56

 0, 2, 33

 0, 0, 7

■ 223, 113, 241

■ 223, 113, 241

■ 220, 89, 241

■ 226, 137, 241

■ 216, 65, 241

■ 230, 161, 241

■ 213, 41, 241

■ 233, 185, 241

■ 209, 17, 241

■ 237, 209, 241

■ 207, 0, 241

■ 240, 233, 241

■ 243, 255, 241

■ 247, 255, 241

■ 250, 255, 241

■ 254, 255, 241

Harmonies

Analogous

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



119, 146, 255



223, 113, 241



255, 85, 177

Triad

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



223, 113, 241



202, 149, 0



0, 188, 209

Complementary

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



223, 113, 241



131, 241, 113

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, 187, 138



223, 113, 241



138, 169, 0

Square

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



223, 113, 241



251, 119, 45



25, 181, 68



0, 184, 255

Rectangle

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



223, 113, 241



255, 83, 131



25, 181, 68



0, 188, 186

Sweetspot

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



223, 113, 241



249, 214, 255



113, 132, 241



124, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 113, 241



232, 92, 255



241, 113, 196



118, 108, 120



158, 0, 184



48, 0, 56

Inverse Universe

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



241, 113, 131



255, 92, 115



113, 241, 158



120, 108, 110



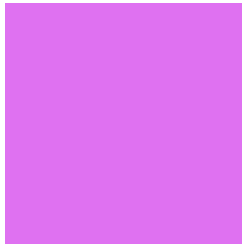
184, 0, 26



56, 0, 8

Previews

White Background



This preview shows how the RGB color 223, 113, 241 looks on a white background.

Color Contrast Check

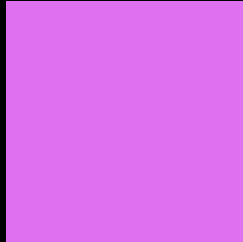
Large Text (above 18pt) WCAG AA × Fail

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 223, 113, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

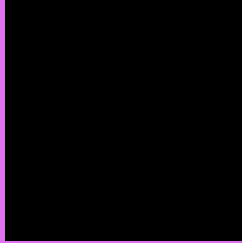
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 223, 113, 241 Background



This preview shows how black text looks on a background with the RGB color 223, 113, 241.

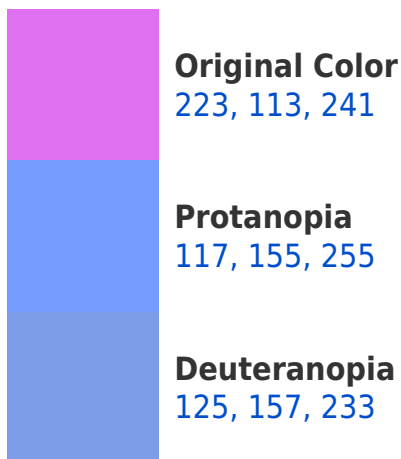


This preview shows how white text looks on a background with the RGB color 223, 113, 241.

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
210, 137, 147

Trichromacy



Original Color

223, 113, 241



Protanomaly

156, 140, 250



Deuteranomaly

161, 141, 236



Tritanomaly

215, 128, 181

Monochromacy



Original Color

223, 113, 241



Achromatopsia

160, 160, 160



Achromatomaly

183, 143, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 113, 241 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(223, 113, 241)` looks like.

```
.text, #text, p{  
    color:rgb(223, 113, 241)  
}
```

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(223, 113, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 113, 241) }
```

Border

The CSS property to change the border of an element to RGB 223, 113, 241 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(223, 113, 241) }
```

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

```
.border{ border-color:rgb(223, 113, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 113, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 113, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 113, 241);  
box-shadow:4px 4px 4px 4px rgb(223, 113,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 223, 113, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 113, 241) }
```

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

```
.background{ background-color: rgb(223,  
113, 241) }
```

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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