

Converting Colors

RGB(228, 47, 123)

Have a look what the booklet for
RGB(228, 47, 123) contains.

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Color

RGB(228, 47, 123)

Conversions

Conversions Part 1

Format	Color
Hex	E42F7B
RGB	228, 47, 123
RGB Percent	89%, 18%, 48%
CMY	0.1059, 0.8157, 0.5176
CMYK	0.00, 0.79, 0.46, 0.11
HSL	335°, 77%, 54%
HSV	335°, 79%, 89%
XYZ	36.5866, 19.9571, 20.6627
YIQ	109.7830, 83.4800, 62.0080

Conversions

Conversions Part 2

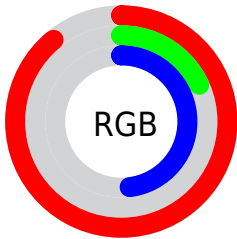
Format	Color
R_{YB}	228, 47, 123
Decimal	14954363
CIE _{Lab}	51.79, 71.53, 1.95
CIE _{LCh}	52, 71.552, 1.558
Yxy	19.9571, 0.4739, 0.2585
Android (android.graphics.Color)	4293144443 (0xFFE42F7B)
YUV	109.7830, 6.5160, 103.6763
Hunter-Lab	44.6733, 68.0096, 3.8481

Details

The RGB color **228, 47, 123** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **47, 228, 152**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **255, 112, 175**, and **166, 0, 75** is the 20% darker color. If you saturate the color by 10%, you get **228, 24, 110**, and if you desaturate by 10%, it is **228, 70, 136**.

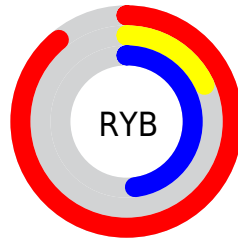
Distribution



Red (89%)

Green (18%)

Blue (48%)



Red (89%)

Yellow (18%)

Blue (48%)

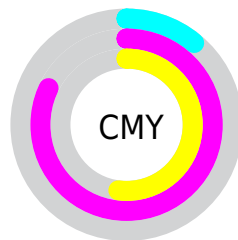


Cyan (0%)

Magenta (79%)

Yellow (46%)

Black (11%)



Cyan (11%)

Magenta (82%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 47, 123 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 228, 47, 123 by changing the saturation by 10% instead.

 228, 47, 123

 228, 47, 123

255, 255, 255

 197, 0, 98

 255, 112, 175

 166, 0, 75

 255, 141, 203

 136, 0, 52

 255, 171, 231

 106, 0, 32

 255, 200, 255

 78, 0, 6

 255, 230, 255

 47, 0, 2

 0, 0, 0

 228, 47, 123

 228, 47, 123

 228, 24, 110

 228, 70, 136

■ 228, 1, 97

■ 228, 93, 149

■ 228, 0, 96

■ 228, 115, 163

■ 228, 138, 176

■ 228, 161, 189

■ 228, 184, 202

■ 228, 207, 216

■ 228, 229, 229

■ 228, 252, 242

Harmonies

Analogous

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



198, 71, 183



228, 47, 123



224, 65, 63

Triad

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



228, 47, 123



84, 138, 0



0, 144, 231

Complementary

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



228, 47, 123



47, 228, 152

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, 150, 186



228, 47, 123



0, 146, 61

Square

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



228, 47, 123



146, 122, 0



0, 150, 125



0, 130, 247

Rectangle

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



228, 47, 123



206, 87, 22



0, 150, 125



0, 147, 219

Sweetspot

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



228, 47, 123



255, 194, 219



150, 47, 228



128, 91, 106



0, 0, 0



128, 128, 128

Same Dimension

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



228, 47, 123



255, 13, 114



228, 59, 47



115, 103, 108



179, 0, 75



51, 0, 21

Inverse Universe

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



228, 47, 123



255, 13, 114



47, 216, 228



115, 103, 108



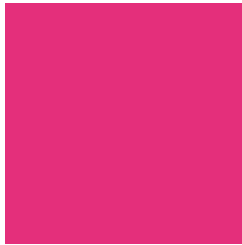
179, 0, 75



51, 0, 21

Previews

White Background



This preview shows how the RGB color 228, 47, 123 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 228, 47, 123 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 228, 47, 123 Background



This preview shows how black text looks on a background with the RGB color 228, 47, 123.

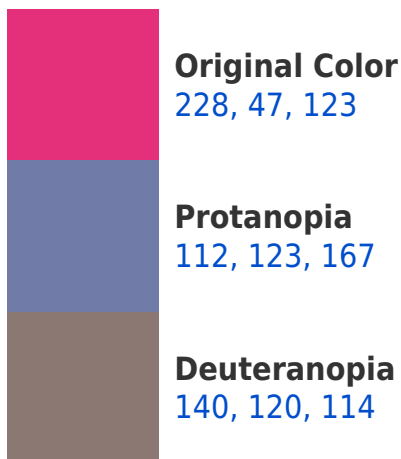


This preview shows how white text looks on a background with the RGB color 228, 47, 123.

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, 63, 66

Trichromacy



Original Color

228, 47, 123



Protanomaly

154, 95, 151



Deuteranomaly

172, 93, 117



Tritanomaly

226, 57, 87

Monochromacy



Original Color

228, 47, 123



Achromatopsia

110, 110, 110



Achromatomaly

153, 87, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 47, 123 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(228, 47, 123)` looks like.

```
.text, #text, p{  
    color:rgb(228, 47, 123)  
}
```

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(228, 47, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 47, 123) }
```

Border

The CSS property to change the border of an element to RGB 228, 47, 123 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(228, 47, 123) }
```

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

```
.border{ border-color:rgb(228, 47, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 47, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 47, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 47, 123);  
box-shadow:4px 4px 4px 4px rgb(228, 47,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 228, 47, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 47, 123) }
```

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

```
.background{ background-color: rgb(228, 47,  
123) }
```

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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