

# Converting Colors

RGB(224, 97, 244)

Have a look what the booklet for  
RGB(224, 97, 244) contains.

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# Color

**RGB(224, 97, 244)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E061F4
RGB	224, 97, 244
RGB Percent	88%, 38%, 96%
CMY	0.1216, 0.6196, 0.0431
CMYK	0.08, 0.60, 0.00, 0.04
HSL	292°, 87%, 67%
HSV	292°, 60%, 96%
XYZ	51.3443, 30.9283, 88.8516
YIQ	151.7310, 28.5050, 72.6410

# Conversions

## Conversions Part 2

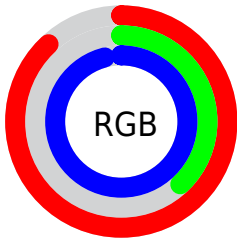
Format	Color
R <sub>Y</sub> B	224, 97, 244
Decimal	14705140
CIE Lab	62.45, 69.08, -51.64
CIE LCh	62, 86.248, 323.219
Yxy	30.9283, 0.3000, 0.1807
Android (android.graphics.Color)	4292895220 (0xFFE061F4)
YUV	151.7310, 45.4886, 63.3799
Hunter-Lab	55.6132, 67.4749, -55.7965

# Details

The RGB color **224, 97, 244** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **117, 244, 97**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 154, 255**, and **165, 34, 187** is the 20% darker color. If you saturate the color by 10%, you get **221, 73, 244**, and if you desaturate by 10%, it is **227, 121, 244**.

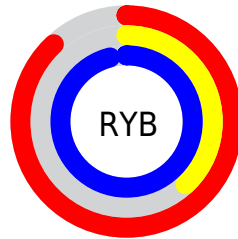
# Distribution



Red (88%)

Green (38%)

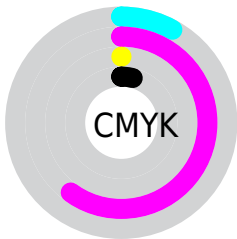
Blue (96%)



Red (88%)

Yellow (38%)

Blue (96%)

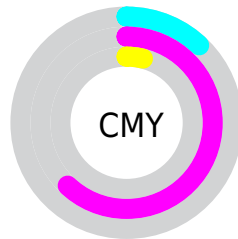


Cyan (8%)

Magenta (60%)

Yellow (0%)

Black (4%)



Cyan (12%)

Magenta (62%)

















Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 224, 97, 244 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, 97, 244 by changing the saturation by 10% instead.



 224, 97, 244	 224, 97, 244
 255, 255, 255	 194, 68, 215
 255, 154, 255	 165, 34, 187
 255, 183, 255	 137, 0, 160
 255, 212, 255	 109, 0, 133
 255, 241, 255	 81, 0, 107
	 54, 0, 82
	 24, 0, 58
	 0, 2, 35
	 0, 0, 10


 224, 97, 244

 224, 97, 244

 221, 73, 244


 227, 121, 244

 217, 48, 244

 231, 146, 244

 214, 24, 244

 234, 170, 244

 211, 0, 244

 237, 195, 244

 241, 219, 244

 244, 243, 244

 247, 255, 244

 251, 255, 244

 254, 255, 244

# Harmonies

## Analogous

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



99, 139, 255



224, 97, 244



255, 54, 172

# Triad

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



224, 97, 244



197, 142, 0



0, 184, 210

# Complementary

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



224, 97, 244



117, 244, 97

# 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, 183, 131



224, 97, 244



125, 165, 0

# Square

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



224, 97, 244



251, 106, 12



0, 177, 48



0, 180, 255

# Rectangle

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



224, 97, 244



255, 52, 121



0, 177, 48



0, 184, 184



# Sweetspot

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



224, 97, 244



249, 209, 255



97, 119, 244



124, 99, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



224, 97, 244



230, 71, 255



244, 97, 193



121, 110, 122



161, 0, 186



51, 0, 59



# Inverse Universe

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



244, 97, 117



255, 71, 96



97, 244, 148



122, 110, 112



186, 0, 25



59, 0, 8



# Previews

## White Background



This preview shows how the RGB color 224, 97, 244 looks on a white background.

## Color Contrast Check

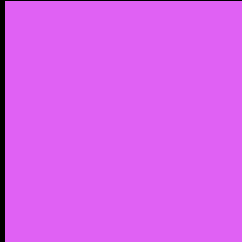
Large Text (above 18pt) WCAG AA × Fail

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 224, 97, 244 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

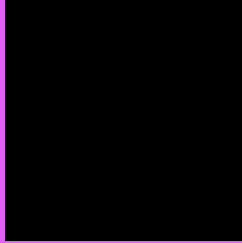
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 224, 97, 244 Background



This preview shows how black text looks on a background with the RGB color 224, 97, 244.

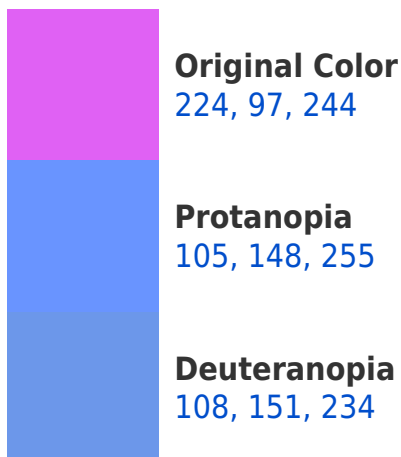


This preview shows how white text looks on a background with the RGB color 224, 97, 244.

# 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, 127, 137

# Trichromacy



**Original Color**

224, 97, 244



**Protanomaly**

148, 129, 251



**Deuteranomaly**

150, 131, 238



**Tritanomaly**

215, 116, 176

# Monochromacy



**Original Color**

224, 97, 244



**Achromatopsia**

152, 152, 152



**Achromatomaly**

178, 132, 185

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 224, 97, 244 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, 97, 244)` looks like.

```
.text, #text, p{  
    color:rgb(224, 97, 244)  
}
```

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, 97, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 97, 244) }
```

## Border

The CSS property to change the border of an element to RGB 224, 97, 244 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, 97, 244) }
```

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

```
.border{ border-color:rgb(224, 97, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 97, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 97, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 97, 244);  
box-shadow:4px 4px 4px 4px rgb(224, 97,  
244) }
```

# Background

The CSS property to change the background color of an element to RGB 224, 97, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 97, 244) }
```

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

```
.background{ background-color: rgb(224, 97,  
244) }
```

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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