

Converting Colors

RGB(240, 155, 230)

Have a look what the booklet for
RGB(240, 155, 230) contains.

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Color

RGB(240, 155, 230)

Conversions

Conversions Part 1	
Format	Color
Hex	F09BE6
RGB	240, 155, 230
RGB Percent	94%, 61%, 90%
CMY	0.0588, 0.3922, 0.0980
CMYK	0.00, 0.35, 0.04, 0.06
HSL	307°, 74%, 77%
HSV	307°, 35%, 94%
XYZ	61.9395, 47.6811, 80.8017
YIQ	188.9650, 26.5850, 41.3450

Conversions

Conversions Part 2

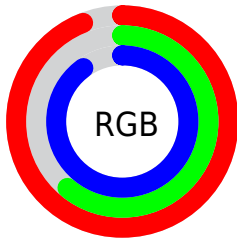
Format	Color
RYB	240, 155, 230
Decimal	15768550
CIELab	74.62, 42.87, -24.82
CIELCh	75, 49.541, 329.928
Yxy	47.6811, 0.3253, 0.2504
Android (android.graphics.Color)	4293958630 (0xFFFF09BE6)
YUV	188.9650, 20.2303, 44.7577
Hunter-Lab	69.0515, 39.2750, -21.0431

Details

The RGB color **240, 155, 230** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **155, 240, 165**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 211, 255**, and **183, 102, 174** is the 20% darker color. If you saturate the color by 10%, you get **240, 131, 227**, and if you desaturate by 10%, it is **240, 179, 233**.

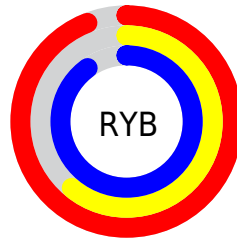
Distribution



Red (94%)

Green (61%)

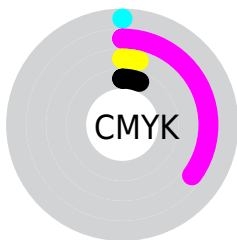
Blue (90%)



Red (94%)

Yellow (61%)

Blue (90%)

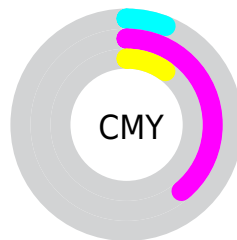


Cyan (0%)

Magenta (35%)

Yellow (4%)

Black (6%)



Cyan (6%)


Magenta (39%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 155, 230 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 240, 155, 230 by changing the saturation by 10% instead.


 240, 155, 230

255, 255, 255


 255, 211, 255

 255, 239, 255


 240, 155, 230

 211, 128, 202

 183, 102, 174

 155, 76, 148

 128, 51, 122

 101, 24, 97

 76, 0, 73


 51, 0, 50


 26, 0, 28


 0, 0, 0

 240, 155, 230

 240, 155, 230

 240, 131, 227


 240, 179, 233

 240, 107, 224


 240, 203, 236

 240, 83, 222


 240, 227, 238

 240, 59, 219

 240, 251, 241

 240, 35, 216

 240, 255, 244

 240, 11, 213

 240, 255, 247

 240, 0, 212

 240, 255, 250

 240, 255, 253

 240, 255, 255

Harmonies

Analogous

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



187, 172, 255



240, 155, 230



255, 146, 186

Triad

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



240, 155, 230



211, 181, 90



0, 206, 228

Complementary

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



240, 155, 230



155, 240, 165

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, 207, 182



240, 155, 230



165, 194, 102

Square

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



240, 155, 230



248, 165, 106



108, 203, 136



0, 200, 255

Rectangle

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



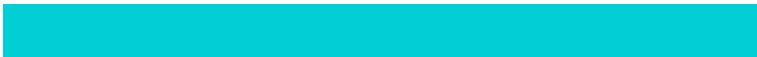
240, 155, 230



255, 148, 155



108, 203, 136



0, 207, 213

Sweetspot

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



240, 155, 230



255, 227, 252



165, 155, 240



128, 111, 126



0, 0, 0



128, 128, 128

Same Dimension

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



240, 155, 230



255, 145, 242



240, 155, 188



120, 108, 118



184, 0, 162



56, 0, 50

Inverse Universe

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



240, 155, 230



255, 145, 242



155, 240, 207



120, 108, 118



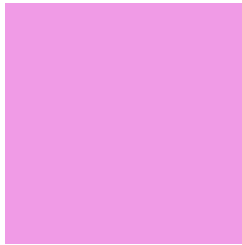
184, 0, 162



56, 0, 50

Previews

White Background



This preview shows how the RGB color 240, 155, 230 looks on a white background.

Color Contrast Check

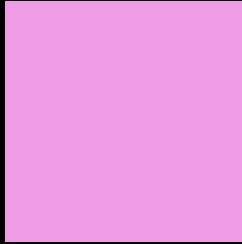
Large Text (above 18pt) WCAG AA × Fail

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 240, 155, 230 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 240, 155, 230 Background



This preview shows how black text looks on a background with the RGB color 240, 155, 230.



This preview shows how white text looks on a background with the RGB color 240, 155, 230.

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



Original Color

240, 155, 230

Protanopia

164, 182, 249

Deuteranopia





181, 180, 225




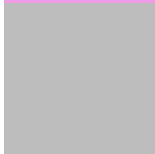
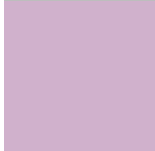
Tritanopia

233, 165, 178

Trichromacy

	Original Color 240, 155, 230
	Protanomaly 192, 172, 242
	Deuteranomaly 202, 171, 227
	Tritanomaly 236, 161, 197

Monochromacy

	Original Color 240, 155, 230
	Achromatopsia 189, 189, 189
	Achromatomaly 208, 177, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 155, 230 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(240, 155, 230) looks like.

```
.text, #text, p{  
    color:rgb(240, 155, 230)  
}
```

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(240, 155, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 155, 230) }
```

Border

The CSS property to change the border of an element to RGB 240, 155, 230 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(240, 155, 230) }
```

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

```
.border{ border-color:rgb(240, 155, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 155, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 155, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 155, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 155,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 240, 155, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 155, 230) }
```

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

```
.background{ background-color: rgb(240,  
155, 230) }
```

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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