

Converting Colors

`RYB(230, 24, 201)`

Have a look what the booklet for RYB(230, 24, 201) contains.

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Color

R_YB(230, 24, 201)

Conversions

Conversions Part 1

Format	Color
Hex	E618C9
RGB	230, 24, 201
RGB Percent	90%, 9%, 79%
CMY	0.0980, 0.9059, 0.2118
CMYK	0.00, 0.90, 0.13, 0.10
HSL	308°, 81%, 50%
HSV	308°, 90%, 90%
XYZ	43.5024, 21.6933, 57.1527
YIQ	105.7720, 65.9590, 98.7190

Conversions

Conversions Part 2

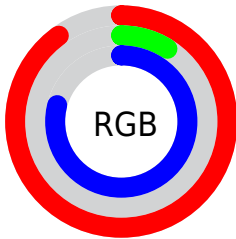
Format	Color
R _Y B	230, 24, 201
Decimal	15079625
CIE Lab	53.70, 84.89, -41.16
CIE LCh	54, 94.346, 334.134
Yxy	21.6933, 0.3556, 0.1773
Android (android.graphics.Color)	4293269705 (0xFFE618C9)
YUV	105.7720, 46.9474, 108.9480
Hunter-Lab	46.5761, 85.2121, -40.1505

Details

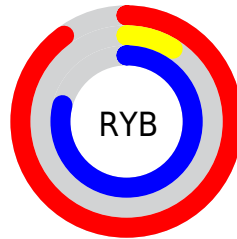
The RYB color **230, 24, 201** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **24, 205, 230**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **255, 104, 255**, and **170, 0, 146** is the 20% darker color. If you saturate the color by 10%, you get **230, 1, 198**, and if you desaturate by 10%, it is **230, 47, 204**.

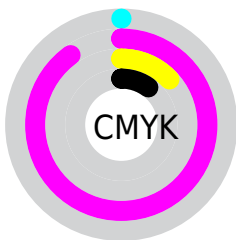
Distribution



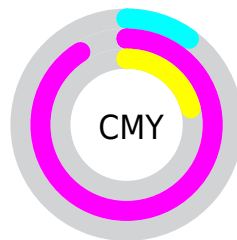
- Red (90%)
- Green (9%)
- Blue (79%)



- Red (90%)
- Yellow (9%)
- Blue (79%)



- Cyan (0%)
- Magenta (90%)
- Yellow (13%)
- Black (10%)




- Cyan (10%)
- Magenta (91%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 24, 201 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 RYB color 230, 24, 201 by changing the saturation by 10% instead.

 230, 24, 201

 230, 24, 201

255, 255, 255

 200, 0, 173

 255, 104, 255

 170, 0, 146

 255, 135, 255

 140, 0, 120

 255, 165, 255

 111, 0, 95

 255, 195, 255

 83, 0, 71

 255, 226, 255

 54, 0, 47

 20, 0, 25

 0, 0, 0

 230, 24, 201

 230, 24, 201

■ 230, 1, 198

■ 230, 47, 204

■ 230, 0, 198

■ 230, 70, 207

■ 230, 93, 211

■ 230, 116, 214

■ 230, 139, 217

■ 230, 162, 220

■ 230, 185, 224

■ 230, 208, 227

■ 230, 231, 231

Harmonies

Analogous

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



130, 99, 255



230, 24, 201



255, 0, 121

Triad

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



230, 24, 201



21, 147, 0



0, 93, 219

Complementary

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



230, 24, 201



24, 205, 230

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, 86, 160



230, 24, 201



0, 148, 95

Square

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



230, 24, 201



210, 173, 0



0, 120, 157



0, 96, 255

Rectangle

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



230, 24, 201



255, 0, 68



0, 120, 157



0, 88, 193

Sweetspot

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



230, 24, 201



255, 186, 245



51, 24, 230



128, 87, 122



0, 0, 0



128, 128, 128

Same Dimension

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



230, 24, 201



255, 0, 219



230, 24, 100



115, 103, 113



179, 0, 153



51, 0, 44

Inverse Universe

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



230, 24, 201



255, 0, 219



24, 150, 230



115, 103, 113



179, 0, 153



51, 0, 44

Previews

White Background



This preview shows how the RYB color 230, 24, 201 looks on a white background.

Color Contrast Check

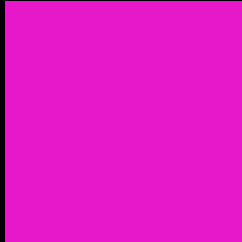
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 230, 24, 201 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](#).

RYB 230, 24, 201 Background



This preview shows how black text looks on a background with the RYB color 230, 24, 201.

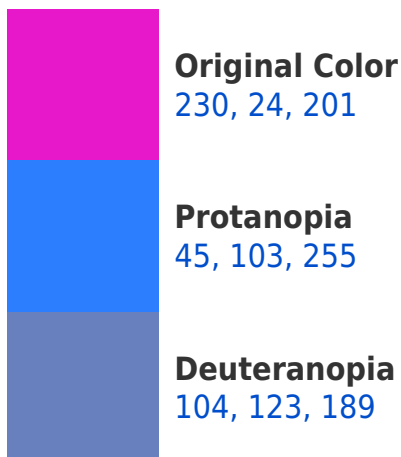


This preview shows how white text looks on a background with the RYB color 230, 24, 201.

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
219, 81, 86

Trichromacy



Original Color
230, 24, 201



Protanomaly
112, 88, 235



Deuteranomaly
150, 90, 193



Tritanomaly
223, 60, 128

Monochromacy



Original Color
230, 24, 201



Achromatopsia
106, 106, 106



Achromatomaly
151, 76, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 24, 201 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, 24, 201) looks like.

```
.text, #text, p{  
    color:rgb(230, 24, 201)  
}
```

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, 24, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 24, 201) }
```

Border

The CSS property to change the border of an element to RYB 230, 24, 201 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, 24, 201) }
```

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

```
.border{ border-color:rgb(230, 24, 201) }
```

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

Here you see how a box with a 4 pixel rgb(230, 24, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 24, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 24, 201);  
box-shadow:4px 4px 4px 4px rgb(230, 24,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 230, 24, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 24, 201) }
```

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

```
.background{ background-color: rgb(230, 24,  
201) }
```

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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