

Converting Colors

`RYB(230, 9, 107)`

Have a look what the booklet for
RYB(230, 9, 107) contains.

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Color

R_YB(230, 9, 107)

Conversions

Conversions Part 1

Format	Color
Hex	E6096B
RGB	230, 9, 107
RGB Percent	90%, 4%, 42%
CMY	0.0980, 0.9647, 0.5804
CMYK	0.00, 0.96, 0.53, 0.10
HSL	333°, 92%, 47%
HSV	333°, 96%, 90%
XYZ	35.3847, 18.0799, 15.5347
YIQ	86.2510, 100.2580, 77.3300

Conversions

Conversions Part 2

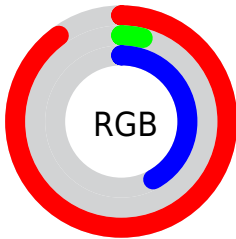
Format	Color
R_{YB}	230, 9, 107
Decimal	15075691
CIE _{Lab}	49.59, 76.96, 8.58
CIE _{LCh}	50, 77.440, 6.364
Yxy	18.0799, 0.5128, 0.2620
Android (android.graphics.Color)	4293265771 (0xFFE6096B)
YUV	86.2510, 10.2293, 126.0679
Hunter-Lab	42.5205, 74.1332, 8.1029

Details

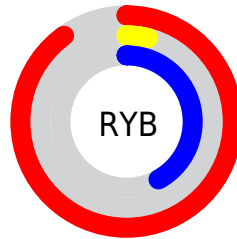
The RYB color **230, 9, 107** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **9, 151, 230**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **255, 95, 158**, and **167, 0, 60** is the 20% darker color. If you saturate the color by 10%, you get **230, 0, 102**, and if you desaturate by 10%, it is **230, 32, 120**.

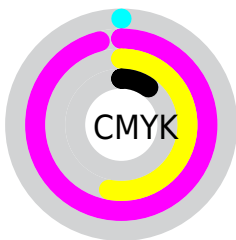
Distribution



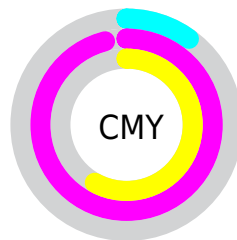
- Red (90%)
- Green (4%)
- Blue (42%)



- Red (90%)
- Yellow (4%)
- Blue (42%)



- Cyan (0%)
- Magenta (96%)
- Yellow (53%)
- Black (10%)



- Cyan (10%)
- Magenta (96%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the RYB color 230, 9, 107 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, 9, 107 by changing the saturation by 10% instead.

 230, 9, 107  230, 9, 107

255, 255, 255  198, 0, 83

 255, 95, 158  167, 0, 60

 255, 126, 185  136, 0, 39

 255, 156, 212  105, 0, 19


 255, 186, 241  77, 0, 4


 255, 216, 255  44, 0, 1


 255, 247, 255  0, 0, 0


 230, 9, 107  230, 9, 107


 230, 0, 102  230, 32, 120


 230, 55, 133


 230, 78, 145

 230, 101, 158

 230, 124, 171

 230, 147, 184

 230, 170, 197

 230, 193, 209

 230, 216, 222

Harmonies

Analogous

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



205, 49, 172



230, 9, 107



220, 56, 43

Triad

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



230, 9, 107



0, 135, 78



0, 88, 239

Complementary

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



230, 9, 107



9, 151, 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, 83, 195



230, 9, 107



0, 99, 142

Square

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



230, 9, 107



12, 131, 0



0, 76, 145



0, 82, 251

Rectangle

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



230, 9, 107



198, 140, 0



0, 76, 145



0, 88, 228

Sweetspot

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



230, 9, 107



255, 181, 214



131, 9, 230



128, 83, 103



0, 0, 0



128, 128, 128

Same Dimension

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



230, 9, 107



255, 0, 113



230, 21, 9



115, 103, 108



179, 0, 79



51, 0, 23

Inverse Universe

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



230, 9, 107



255, 0, 113



9, 117, 230



115, 103, 108



179, 0, 79



51, 0, 23

Previews

White Background



This preview shows how the RYB color 230, 9, 107 looks on a white background.

Color Contrast Check

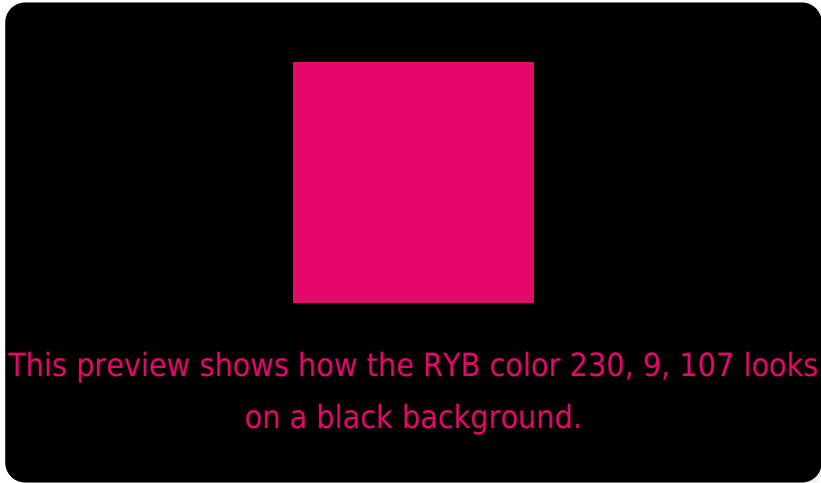
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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, 9, 107 Background



This preview shows how black text looks on a background with the RYB color 230, 9, 107.



This preview shows how white text looks on a background with the RYB color 230, 9, 107.

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
230, 9, 107

Protanopia
110, 117, 155

Deuteranopia
138, 129, 97



Tritanopia
227, 43, 43

Trichromacy



Original Color

230, 9, 107



Protanomaly

154, 78, 138



Deuteranomaly

171, 76, 101



Tritanomaly

228, 31, 66

Monochromacy



Original Color

230, 9, 107



Achromatopsia

86, 86, 86



Achromatomaly

138, 58, 94

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 9, 107 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, 9, 107)` looks like.

```
.text, #text, p{  
    color:rgb(230, 9, 107)  
}
```

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, 9, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 9, 107) }
```

Border

The CSS property to change the border of an element to RYB 230, 9, 107 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, 9, 107) }
```

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

```
.border{ border-color:rgb(230, 9, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 9, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 9, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 9, 107);  
box-shadow:4px 4px 4px 4px rgb(230, 9,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 230, 9, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 9, 107) }
```

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

```
.background{ background-color: rgb(230, 9,  
107) }
```

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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