

Converting Colors

`RYB(188, 5, 125)`

Have a look what the booklet for
RYB(188, 5, 125) contains.

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Color

R_YB(188, 5, 125)

Conversions

Conversions Part 1

Format	Color
Hex	BC057D
RGB	188, 5, 125
RGB Percent	74%, 2%, 49%
CMY	0.2627, 0.9804, 0.5098
CMYK	0.00, 0.97, 0.34, 0.26
HSL	321°, 95%, 38%
HSV	321°, 97%, 74%
XYZ	24.4950, 12.2806, 20.4814
YIQ	73.3970, 70.5480, 76.1160

Conversions

Conversions Part 2

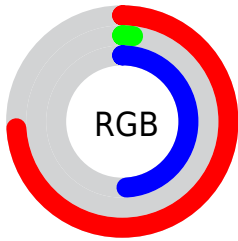
Format	Color
R_{YB}	188, 5, 125
Decimal	12322173
CIE _{Lab}	41.66, 69.66, -15.18
CIE _{LCh}	42, 71.294, 347.704
Yxy	12.2806, 0.4278, 0.2145
Android (android.graphics.Color)	4290512253 (0xFFBC057D)
YUV	73.3970, 25.4403, 100.5068
Hunter-Lab	35.0437, 63.4424, -10.1217

Details

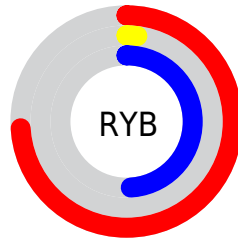
The RYB color **188, 5, 125** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **5, 141, 188**, and the grayscale version is **73, 73, 73**.

A 20% lighter version of the original color is **249, 87, 178**, and **129, 0, 76** is the 20% darker color. If you saturate the color by 10%, you get **188, 0, 123**, and if you desaturate by 10%, it is **188, 24, 131**.

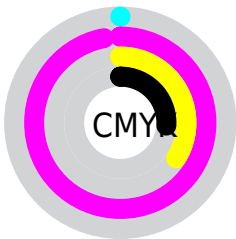
Distribution



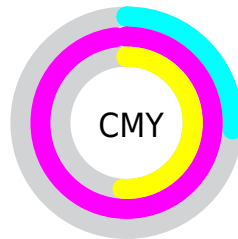
- Red (74%)
- Green (2%)
- Blue (49%)



- Red (74%)
- Yellow (2%)
- Blue (49%)



- Cyan (0%)
- Magenta (97%)
- Yellow (34%)
- Black (26%)



- Cyan (26%)
- Magenta (98%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 5, 125 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 188, 5, 125 by changing the saturation by 10% instead.



188, 5, 125



188, 5, 125

255, 255, 255



158, 0, 100



249, 87, 178



129, 0, 76



255, 116, 205



100, 0, 53



255, 145, 233



73, 0, 32



255, 174, 255



45, 0, 3



255, 204, 255



0, 0, 0



255, 233, 255



188, 5, 125



188, 5, 125



188, 0, 123



188, 24, 131

■ 188, 43, 138

■ 188, 61, 144

■ 188, 80, 151

■ 188, 99, 157

■ 188, 118, 164

■ 188, 137, 170

■ 188, 155, 177

■ 188, 174, 183

Harmonies

Analogous

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



141, 61, 178



188, 5, 125



197, 0, 67

Triad

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



188, 5, 125



0, 106, 18



0, 73, 185

Complementary

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



188, 5, 125



5, 141, 188

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, 64, 133



188, 5, 125



0, 116, 116

Square

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



188, 5, 125



85, 140, 0



0, 76, 121



0, 74, 214

Rectangle

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



188, 5, 125



187, 42, 29



0, 76, 121



0, 71, 169

Sweetspot

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



188, 5, 125



245, 174, 220



66, 5, 188



122, 80, 108



250, 250, 250



122, 122, 122

Same Dimension

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



188, 5, 125



245, 0, 161



188, 5, 36



94, 85, 91



158, 0, 104



31, 0, 20

Inverse Universe

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



188, 5, 125



245, 0, 161



5, 105, 188



94, 85, 91



158, 0, 104



31, 0, 20

Previews

White Background



This preview shows how the RYB color 188, 5, 125 looks on a white background.

Color Contrast Check

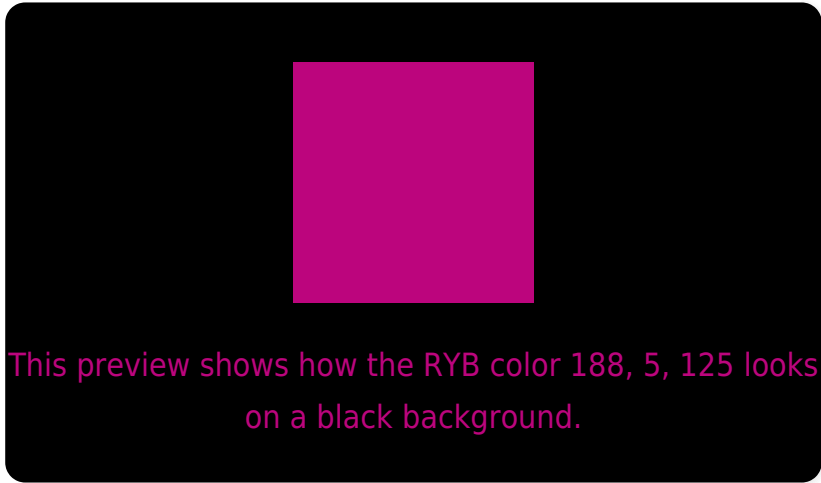
Large Text (above 18pt) WCAG AA ✓ Pass

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

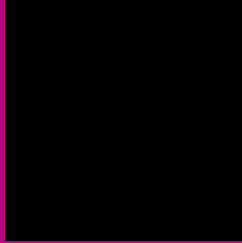
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

R Y B 188, 5, 125 Background



This preview shows how black text looks on a background with the R Y B color 188, 5, 125.

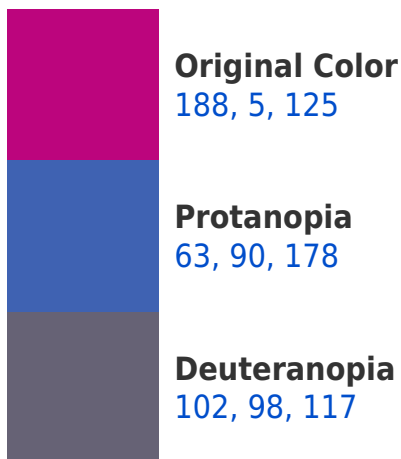


This preview shows how white text looks on a background with the R Y B color 188, 5, 125.

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
183, 50, 51

Trichromacy



Original Color

188, 5, 125



Protanomaly

108, 64, 159



Deuteranomaly

133, 64, 120



Tritanomaly

185, 34, 78

Monochromacy



Original Color

188, 5, 125



Achromatopsia

73, 73, 73



Achromatomaly

115, 48, 92

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 5, 125 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(188, 5, 125)` looks like.

```
.text, #text, p{  
    color:rgb(188, 5, 125)  
}
```

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(188, 5, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 5, 125) }
```

Border

The CSS property to change the border of an element to RYB 188, 5, 125 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(188, 5, 125) }
```

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

```
.border{ border-color:rgb(188, 5, 125) }
```

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

Here you see how a box with a 4 pixel rgb(188, 5, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 5, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 5, 125);  
box-shadow:4px 4px 4px 4px rgb(188, 5,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 188, 5, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 5, 125) }
```

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

```
.background{ background-color: rgb(188, 5,  
125) }
```

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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