

Converting Colors

`RYB(179, 125, 184)`

Have a look what the booklet for
RYB(179, 125, 184) contains.

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Color

R_YB(179, 125, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B37DB8
RGB	179, 125, 184
RGB Percent	70%, 49%, 72%
CMY	0.2980, 0.5098, 0.2784
CMYK	0.03, 0.32, 0.00, 0.28
HSL	295°, 29%, 61%
HSV	295°, 32%, 72%
XYZ	34.5758, 27.7116, 48.8739
YIQ	147.8720, 13.2450, 29.7970

Conversions

Conversions Part 2

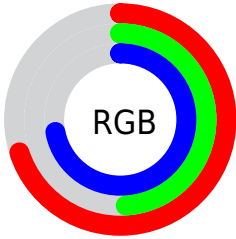
Format	Color
R _Y B	179, 125, 184
Decimal	11763128
CIE Lab	59.63, 30.95, -22.74
CIE LCh	60, 38.405, 323.691
Yxy	27.7116, 0.3110, 0.2493
Android (android.graphics.Color)	4289953208 (0xFFB37DB8)
YUV	147.8720, 17.8111, 27.2993
Hunter-Lab	52.6418, 25.1176, -18.1970

Details

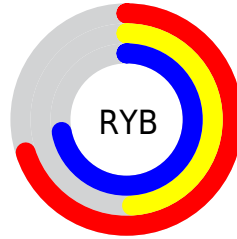
The RYB color **179, 125, 184** is a light color, and the websafe version is hex **996699**. A complement of this color would be **125, 184, 179**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **236, 178, 240**, and **125, 75, 131** is the 20% darker color. If you saturate the color by 10%, you get **177, 107, 184**, and if you desaturate by 10%, it is **181, 143, 184**.

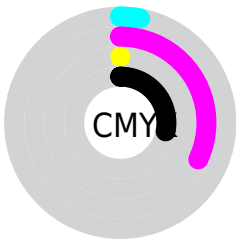
Distribution



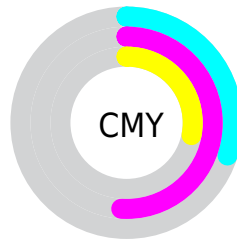
- Red (70%)
- Green (49%)
- Blue (72%)



- Red (70%)
- Yellow (49%)
- Blue (72%)



- Cyan (3%)
- Magenta (32%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (51%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 125, 184 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 179, 125, 184 by changing the saturation by 10% instead.

 179, 125, 184


255, 255, 255

 236, 178, 240

 255, 206, 255

 255, 235, 255


 179, 125, 184

 152, 100, 157

 125, 75, 131

 100, 51, 105

 75, 28, 81


 51, 4, 58


 33, 0, 36


 0, 0, 12


 0, 0, 0


 179, 125, 184


 179, 125, 184

 177, 107, 184


 181, 143, 184

 176, 88, 184


 182, 162, 184

 174, 70, 184


 184, 180, 184

 173, 51, 184

 184, 199, 198

 171, 33, 184

 184, 217, 214

 170, 15, 184

 184, 235, 231

 168, 0, 184

 184, 254, 248

 184, 255, 248

 184, 255, 246

Harmonies

Analogous

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



136, 138, 205



179, 125, 184



203, 117, 152

Triad

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



179, 125, 184



124, 171, 76



0, 83, 170

Complementary

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



179, 125, 184



125, 184, 179

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.



44, 110, 161



179, 125, 184



80, 150, 92

Square

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



179, 125, 184



196, 147, 90



98, 153, 157



0, 87, 197

Rectangle

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



179, 125, 184



209, 117, 129



98, 153, 157



0, 81, 161

Sweetspot

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



179, 125, 184



238, 216, 240



125, 130, 184



119, 105, 120



247, 247, 247



120, 120, 120

Same Dimension

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



179, 125, 184



232, 149, 240



184, 125, 160



91, 83, 92



142, 0, 156



26, 0, 28

Inverse Universe

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



184, 125, 130



240, 149, 156



125, 167, 184



92, 83, 83



156, 0, 13



28, 0, 2

Previews

White Background



This preview shows how the RYB color 179, 125, 184 looks on a white background.

Color Contrast Check

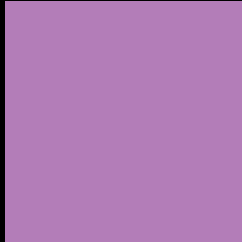
Large Text (above 18pt) WCAG AA ✓ Pass

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 179, 125, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

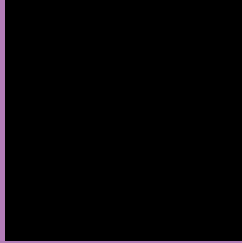
Any Text WCAG AA ✓ Pass

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 179, 125, 184 Background



This preview shows how black text looks on a background with the RYB color 179, 125, 184.

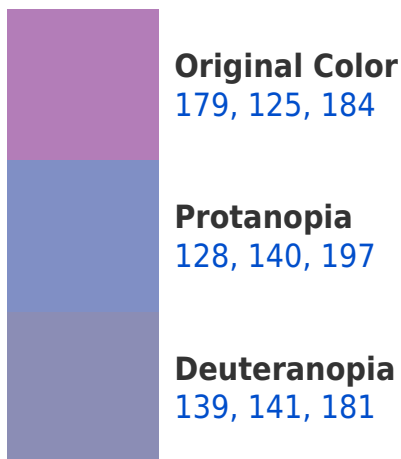


This preview shows how white text looks on a background with the RYB color 179, 125, 184.

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
173, 133, 143

Trichromacy



Original Color
179, 125, 184

Protanomaly
147, 136, 192

Deuteranomaly
154, 135, 182

Tritanomaly
175, 130, 158

Monochromacy



Original Color
179, 125, 184

Achromatopsia
148, 148, 148

Achromatomaly
159, 140, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 125, 184 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(179, 125, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 125, 184)  
}
```

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(179, 125, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 125, 184) }
```

Border

The CSS property to change the border of an element to RYB 179, 125, 184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

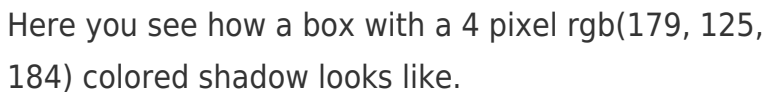
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 125, 184) }
```

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

```
.border{ border-color:rgb(179, 125, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 125, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 125, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 125, 184); box-shadow:4px 4px 4px 4px rgb(179, 125, 184) }
```

Background

The CSS property to change the background color of an element to RYB 179, 125, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 125, 184) }
```

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

```
.background{ background-color: rgb(179,  
125, 184) }
```

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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