

Converting Colors

`RYB(187, 73, 125)`

Have a look what the booklet for
RYB(187, 73, 125) contains.

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Color

`RYB(187, 73, 125)`

Conversions

Conversions Part 1

Format	Color
Hex	BB497D
RGB	187, 73, 125
RGB Percent	73%, 29%, 49%
CMY	0.2667, 0.7137, 0.5098
CMYK	0.00, 0.61, 0.33, 0.27
HSL	333°, 46%, 51%
HSV	333°, 61%, 73%
XYZ	26.5777, 16.8106, 21.2460
YIQ	113.0140, 51.2520, 40.3400

Conversions

Conversions Part 2

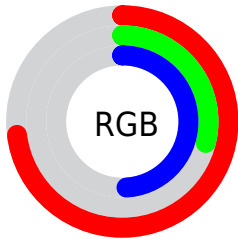
Format	Color
R_{YB}	187, 73, 125
Decimal	12274045
CIE _{Lab}	48.02, 51.01, -5.62
CIE _{LCh}	48, 51.320, 353.710
Yxy	16.8106, 0.4112, 0.2601
Android (android.graphics.Color)	4290464125 (0xFFBB497D)
YUV	113.0140, 5.9091, 64.8857
Hunter-Lab	41.0007, 43.9573, -2.0228

Details

The RYB color **187, 73, 125** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **73, 147, 187**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **246, 127, 178**, and **130, 9, 76** is the 20% darker color. If you saturate the color by 10%, you get **187, 54, 115**, and if you desaturate by 10%, it is **187, 92, 135**.

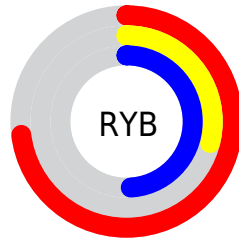
Distribution



Red (73%)

Green (29%)

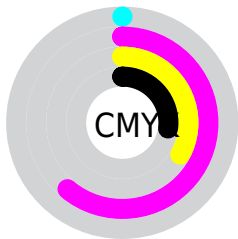
Blue (49%)



Red (73%)

Yellow (29%)

Blue (49%)

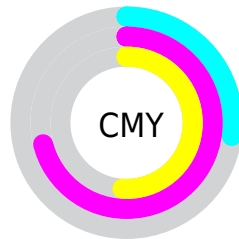


Cyan (0%)

Magenta (61%)

Yellow (33%)

Black (27%)



Cyan (27%)

Magenta (71%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 73, 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 187, 73, 125 by changing the saturation by 10% instead.



187, 73, 125



187, 73, 125

255, 255, 255



158, 45, 100



246, 127, 178



130, 9, 76



255, 155, 205



102, 0, 54



255, 183, 233



75, 0, 32



255, 211, 255



51, 0, 7



255, 240, 255



0, 0, 0



187, 73, 125



187, 73, 125



187, 54, 115



187, 92, 135



187, 36, 105



187, 110, 145

187, 17, 94

187, 129, 156

187, 0, 85

187, 148, 166

187, 167, 176

187, 185, 186

187, 198, 204

187, 211, 223

187, 222, 241

Harmonies

Analogous

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



158, 87, 166



187, 73, 125



191, 75, 82

Triad

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



187, 73, 125



24, 122, 43



0, 76, 183

Complementary

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



187, 73, 125



73, 147, 187

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, 70, 148



187, 73, 125



44, 117, 130

Square

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



187, 73, 125



64, 144, 16



0, 76, 134



0, 76, 200

Rectangle

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



187, 73, 125



182, 94, 56



0, 76, 134



0, 75, 173

Sweetspot

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



187, 73, 125



242, 199, 219



134, 73, 187



122, 95, 108



250, 250, 250



122, 122, 122

Same Dimension

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



187, 73, 125



242, 65, 146



187, 77, 73



94, 85, 89



158, 0, 72



31, 0, 14

Inverse Universe

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



187, 73, 125



242, 65, 146



73, 129, 187



94, 85, 89



158, 0, 72



31, 0, 14

Previews

White Background



This preview shows how the RYB color 187, 73, 125 looks on a white background.

Color Contrast Check

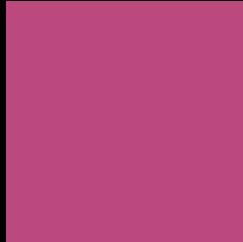
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 187, 73, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

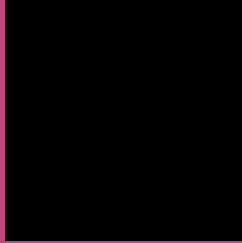
Any Text WCAG AA × Fail

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](#).

RYB 187, 73, 125 Background



This preview shows how black text looks on a background with the RYB color 187, 73, 125.

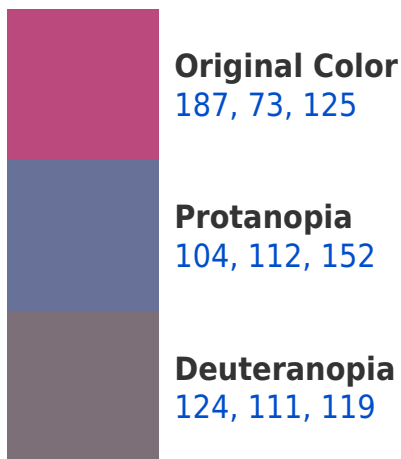


This preview shows how white text looks on a background with the RYB color 187, 73, 125.

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
184, 81, 87

Trichromacy



Original Color

187, 73, 125

Protanomaly

134, 98, 142

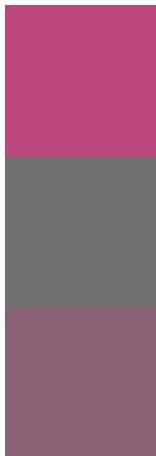
Deuteranomaly

147, 97, 121

Tritanomaly

185, 78, 101

Monochromacy



Original Color

187, 73, 125

Achromatopsia

113, 113, 113

Achromatomaly

140, 98, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 73, 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(187, 73, 125)` looks like.

```
.text, #text, p{  
    color:rgb(187, 73, 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(187, 73, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 73, 125) }
```

Border

The CSS property to change the border of an element to RYB 187, 73, 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(187, 73, 125) }
```

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

```
.border{ border-color:rgb(187, 73, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 73, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 73, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 73, 125); box-shadow:4px 4px 4px 4px rgb(187, 73, 125) }
```

Background

The CSS property to change the background color of an element to RYB 187, 73, 125 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 73, 125) }
```

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

```
.background{ background-color: rgb(187, 73,  
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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