

Converting Colors

`RYB(194, 93, 144)`

Have a look what the booklet for
RYB(194, 93, 144) contains.

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Color

RYP(194, 93, 144)

Conversions

Conversions Part 1

Format	Color
Hex	C25D90
RGB	194, 93, 144
RGB Percent	76%, 36%, 56%
CMY	0.2392, 0.6353, 0.4353
CMYK	0.00, 0.52, 0.26, 0.24
HSL	330°, 45%, 56%
HSV	330°, 52%, 76%
XYZ	31.1965, 21.3117, 28.8549
YIQ	129.0130, 43.8250, 37.2730

Conversions

Conversions Part 2

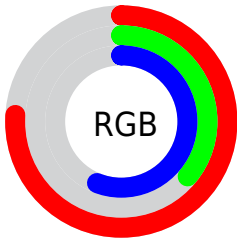
Format	Color
RYB	194, 93, 144
Decimal	12737936
CIELab	53.29, 46.24, -9.00
CIELCh	53, 47.108, 348.985
Yxy	21.3117, 0.3834, 0.2619
Android (android.graphics.Color)	4290928016 (0xFFC25D90)
YUV	129.0130, 7.3886, 56.9936
Hunter-Lab	46.1645, 39.8367, -4.7437

Details

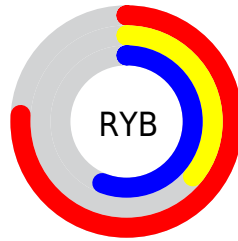
The RYB color **194, 93, 144** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **93, 161, 194**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **253, 147, 198**, and **138, 40, 94** is the 20% darker color. If you saturate the color by 10%, you get **194, 74, 134**, and if you desaturate by 10%, it is **194, 112, 154**.

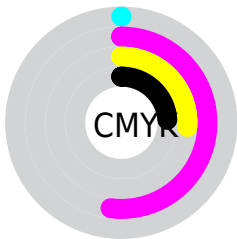
Distribution



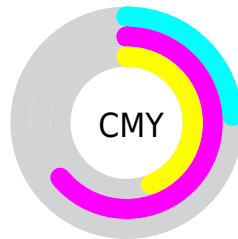
- Red (76%)
- Green (36%)
- Blue (56%)



- Red (76%)
- Yellow (36%)
- Blue (56%)



- Cyan (0%)
- Magenta (52%)
- Yellow (26%)
- Black (24%)



- Cyan (24%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 93, 144 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 194, 93, 144 by changing the saturation by 10% instead.

 194, 93, 144

255, 255, 255

 253, 147, 198

 255, 174, 226

 255, 202, 254

 255, 231, 255

 194, 93, 144

 165, 67, 118

 138, 40, 94

 110, 5, 70

 83, 0, 48

 58, 0, 27


 31, 0, 1


 0, 0, 0

 194, 93, 144

 194, 74, 134

 194, 93, 144


 194, 112, 154

 194, 54, 125

 194, 132, 163

 194, 35, 115

 194, 151, 173

 194, 15, 106

 194, 171, 182

 194, 0, 98

 194, 190, 192

 194, 204, 209

 194, 218, 229

 194, 230, 248

 194, 232, 255

Harmonies

Analogous

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



162, 106, 181



194, 93, 144



202, 93, 103

Triad

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



194, 93, 144



45, 133, 53



0, 82, 188

Complementary

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



194, 93, 144



93, 161, 194

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, 75, 152



194, 93, 144



72, 142, 137

Square

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



194, 93, 144



109, 162, 44



0, 83, 146



0, 82, 207

Rectangle

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



194, 93, 144



196, 105, 78



0, 83, 146



0, 80, 177

Sweetspot

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



194, 93, 144



252, 212, 232



142, 93, 194



128, 103, 116



0, 0, 0



128, 128, 128

Same Dimension

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



194, 93, 144



252, 96, 175



194, 93, 95



97, 87, 92



161, 0, 81



33, 0, 17

Inverse Universe

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



194, 93, 144



252, 96, 175



93, 144, 194



97, 87, 92



161, 0, 81



33, 0, 17

Previews

White Background



This preview shows how the RYB color 194, 93, 144 looks on a white background.

Color Contrast Check

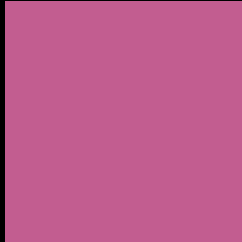
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 93, 144 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 194, 93, 144 Background



This preview shows how black text looks on a background with the RYB color 194, 93, 144.

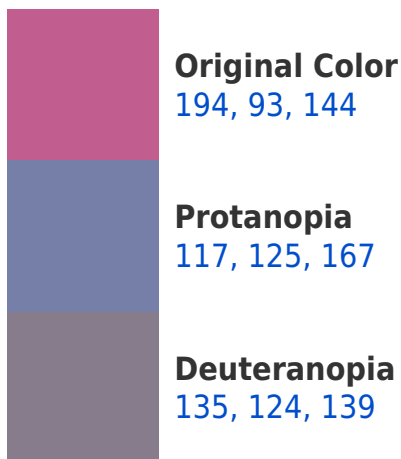


This preview shows how white text looks on a background with the RYB color 194, 93, 144.

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
191, 100, 108

Trichromacy



Original Color

194, 93, 144



Protanomaly

145, 114, 159



Deuteranomaly

156, 113, 141



Tritanomaly

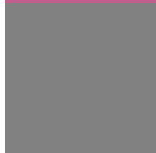
192, 97, 121

Monochromacy



Original Color

194, 93, 144



Achromatopsia

129, 129, 129



Achromatomaly

153, 116, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 93, 144 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(194, 93, 144)` looks like.

```
.text, #text, p{  
    color:rgb(194, 93, 144)  
}
```

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(194, 93, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 93, 144) }
```

Border

The CSS property to change the border of an element to RYB 194, 93, 144 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(194, 93, 144) }
```

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

```
.border{ border-color:rgb(194, 93, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 93, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 93, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 93, 144);  
box-shadow:4px 4px 4px 4px rgb(194, 93,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 194, 93, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 93, 144) }
```

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

```
.background{ background-color: rgb(194, 93,  
144) }
```

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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