

Converting Colors

`RYB(194, 78, 188)`

Have a look what the booklet for RYB(194, 78, 188) contains.

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Color

`RYB(194, 78, 188)`

Conversions

Conversions Part 1

Format	Color
Hex	C24EBC
RGB	194, 78, 188
RGB Percent	76%, 31%, 74%
CMY	0.2392, 0.6941, 0.2627
CMYK	0.00, 0.60, 0.03, 0.24
HSL	303°, 49%, 53%
HSV	303°, 60%, 76%
XYZ	34.0496, 20.5490, 49.7487
YIQ	125.2240, 33.8260, 58.8020

Conversions

Conversions Part 2

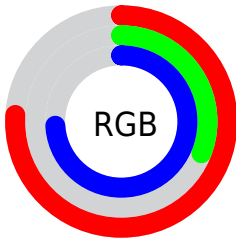
Format	Color
RYB	194, 78, 188
Decimal	12734140
CIELab	52.45, 60.06, -36.02
CIELCh	52, 70.030, 329.046
Yxy	20.5490, 0.3263, 0.1969
Android (android.graphics.Color)	4290924220 (0xFFC24EBC)
YUV	125.2240, 30.9486, 60.3166
Hunter-Lab	45.3310, 54.7483, -33.3364

Details

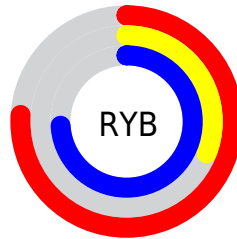
The RYB color **194, 78, 188** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **78, 188, 194**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **253, 133, 245**, and **137, 10, 134** is the 20% darker color. If you saturate the color by 10%, you get **194, 59, 187**, and if you desaturate by 10%, it is **194, 97, 189**.

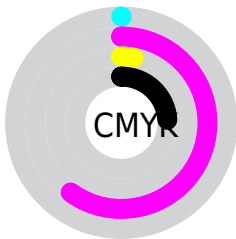
Distribution



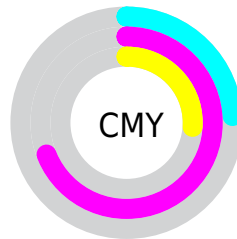
- Red (76%)
- Green (31%)
- Blue (74%)



- Red (76%)
- Yellow (31%)
- Blue (74%)



- Cyan (0%)
- Magenta (60%)
- Yellow (3%)
- Black (24%)



- Cyan (24%)
- Magenta (69%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the RYB color 194, 78, 188 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, 78, 188 by changing the saturation by 10% instead.

 194, 78, 188

255, 255, 255


 253, 133, 245

 255, 161, 255

 255, 190, 255


 255, 219, 255

 255, 248, 255

 194, 78, 188

 165, 49, 161

 137, 10, 134

 110, 0, 109

 83, 0, 84

 58, 0, 60

 30, 0, 38

 0, 1, 14

 0, 0, 0

 194, 78, 188

 194, 78, 188

194, 59, 187

194, 97, 189

194, 39, 186

194, 117, 190

194, 20, 185

194, 136, 191

194, 0, 184

194, 156, 192

194, 175, 193

194, 194, 194

194, 213, 214

194, 231, 233

194, 250, 253

Harmonies

Analogous

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



115, 110, 231



194, 78, 188



227, 54, 130

Triad

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



194, 78, 188



39, 153, 0



0, 83, 182

Complementary

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



194, 78, 188



78, 188, 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, 84, 151



194, 78, 188



0, 138, 45

Square

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



194, 78, 188



198, 181, 5



0, 105, 147



0, 89, 228

Rectangle

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



194, 78, 188



229, 58, 90



0, 105, 147



0, 79, 163

Sweetspot

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



194, 78, 188



252, 207, 250



84, 78, 194



128, 99, 126



0, 0, 0



128, 128, 128

Same Dimension

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



194, 78, 188



252, 71, 243



194, 78, 130



97, 87, 96



161, 0, 152



33, 0, 31

Inverse Universe

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



194, 78, 188



252, 71, 243



78, 153, 194



97, 87, 96



161, 0, 152



33, 0, 31

Previews

White Background



This preview shows how the RYB color 194, 78, 188 looks on a white background.

Color Contrast Check

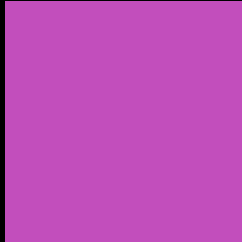
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

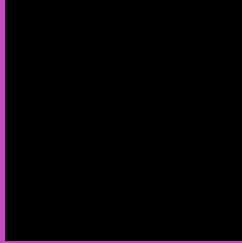
Any Text WCAG AA ✓ Pass

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, 78, 188 Background



This preview shows how black text looks on a background with the RYB color 194, 78, 188.

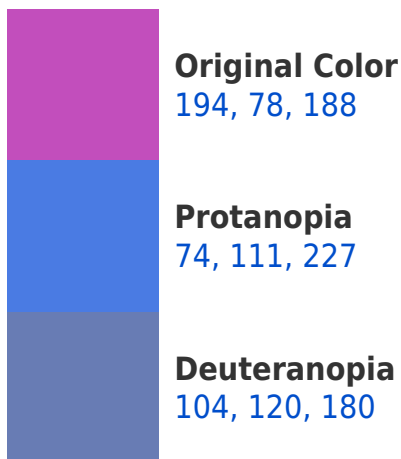


This preview shows how white text looks on a background with the RYB color 194, 78, 188.

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
185, 100, 107

Trichromacy



Original Color

194, 78, 188



Protanomaly

118, 106, 213



Deuteranomaly

137, 107, 183



Tritanomaly

188, 92, 136

Monochromacy



Original Color

194, 78, 188



Achromatopsia

125, 125, 125



Achromatomaly

150, 108, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 78, 188 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, 78, 188) looks like.

```
.text, #text, p{  
    color:rgb(194, 78, 188)  
}
```

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, 78, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 78, 188) }
```

Border

The CSS property to change the border of an element to RYB 194, 78, 188 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, 78, 188) }
```

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

```
.border{ border-color:rgb(194, 78, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 78, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 78, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 78, 188); box-shadow:4px 4px 4px 4px rgb(194, 78, 188) }
```

Background

The CSS property to change the background color of an element to RYB 194, 78, 188 is called "background".

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

```
.background, #background, body{  
background: rgb(194, 78, 188) }
```

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

```
.background{ background-color: rgb(194, 78,  
188) }
```

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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