

Converting Colors

`RYB(193, 128, 152)`

Have a look what the booklet for RYB(193, 128, 152) contains.

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Color

R_YB(193, 128, 152)

Conversions

Conversions Part 1

Format	Color
Hex	C18098
RGB	193, 128, 152
RGB Percent	76%, 50%, 60%
CMY	0.2431, 0.4980, 0.4039
CMYK	0.00, 0.34, 0.21, 0.24
HSL	338°, 34%, 63%
HSV	338°, 34%, 76%
XYZ	35.3790, 29.0428, 33.4469
YIQ	150.1710, 31.0360, 21.2440

Conversions

Conversions Part 2

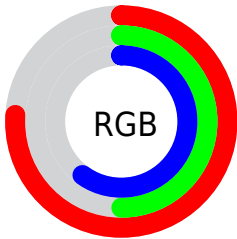
Format	Color
RYB	193, 128, 152
Decimal	12681368
CIELab	60.82, 28.55, -2.50
CIElCh	61, 28.662, 354.997
Yxy	29.0428, 0.3615, 0.2968
Android (android.graphics.Color)	4290871448 (0xFFC18098)
YUV	150.1710, 0.9017, 37.5610
Hunter-Lab	53.8914, 22.8730, 0.9265

Details

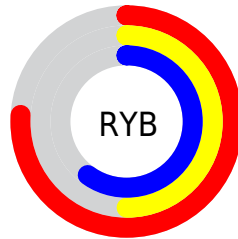
The RYB color **193, 128, 152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **128, 168, 193**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **251, 182, 206**, and **138, 78, 101** is the 20% darker color. If you saturate the color by 10%, you get **193, 109, 140**, and if you desaturate by 10%, it is **193, 147, 164**.

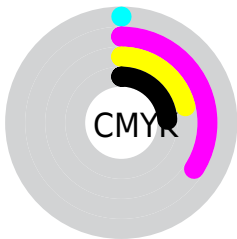
Distribution



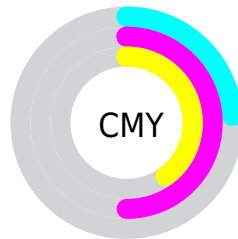
- Red (76%)
- Green (50%)
- Blue (60%)



- Red (76%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (24%)



- Cyan (24%)
- Magenta (50%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RYB color 193, 128, 152 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 193, 128, 152 by changing the saturation by 10% instead.

 193, 128, 152

255, 255, 255

 251, 182, 206

 255, 209, 234

 255, 238, 255

 193, 128, 152

 165, 102, 126

 138, 78, 101

 112, 54, 77

 86, 30, 55

 61, 6, 33

 41, 0, 10

 0, 0, 0

 193, 128, 152


 193, 109, 140


 193, 128, 152


 193, 147, 164

 193, 89, 128

 193, 167, 176

 193, 70, 115

 193, 186, 189

 193, 51, 103

 193, 200, 205

 193, 32, 91

 193, 213, 225

 193, 12, 79

 193, 224, 244

 193, 0, 71

 193, 229, 255

 193, 226, 255

 193, 224, 255

Harmonies

Analogous

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



175, 133, 176



193, 128, 152



197, 129, 127

Triad

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



193, 128, 152



100, 152, 110



72, 121, 187

Complementary

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



193, 128, 152



128, 168, 193

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.



62, 113, 167



193, 128, 152



113, 153, 157

Square

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



193, 128, 152



132, 168, 96



83, 127, 160



106, 136, 197

Rectangle

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



193, 128, 152



192, 140, 112



83, 127, 160



64, 116, 182

Sweetspot

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



193, 128, 152



250, 225, 234



168, 128, 193



125, 110, 115



252, 252, 252



125, 125, 125

Same Dimension

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



193, 128, 152



250, 150, 187



193, 137, 128



97, 87, 91



161, 0, 59



33, 0, 12

Inverse Universe

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



193, 128, 152



250, 150, 187



128, 158, 193



97, 87, 91



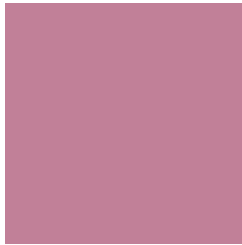
161, 0, 59



33, 0, 12

Previews

White Background



This preview shows how the RYB color 193, 128, 152 looks on a white background.

Color Contrast Check

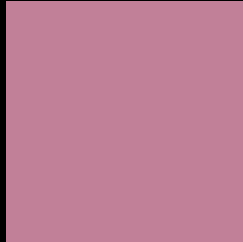
Large Text (above 18pt) WCAG AA ✓ Pass

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 193, 128, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

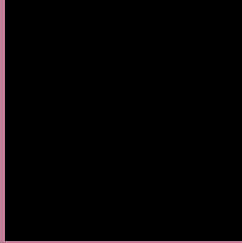
Any Text WCAG AA ✓ Pass

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 193, 128, 152 Background



This preview shows how black text looks on a background with the RYB color 193, 128, 152.

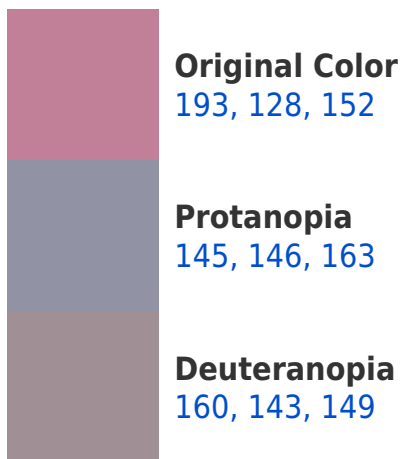



This preview shows how white text looks on a background with the RYB color 193, 128, 152.

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

192, 130, 140

Trichromacy



Original Color
193, 128, 152

Protanomaly
162, 139, 159

Deuteranomaly
172, 138, 150

Tritanomaly
192, 129, 144

Monochromacy



Original Color
193, 128, 152

Achromatopsia
150, 150, 150

Achromatomaly
166, 142, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 128, 152 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(193, 128, 152)` looks like.

```
.text, #text, p{  
    color:rgb(193, 128, 152)  
}
```

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(193, 128, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 128, 152) }
```

Border

The CSS property to change the border of an element to RYB 193, 128, 152 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(193, 128, 152) }
```

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

```
.border{ border-color:rgb(193, 128, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 128, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 128, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 128, 152);  
box-shadow:4px 4px 4px 4px rgb(193, 128,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 193, 128, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 128, 152) }
```

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

```
.background{ background-color: rgb(193,  
128, 152) }
```

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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