

Converting Colors

RGB(193, 78, 140)

Have a look what the booklet for
RGB(193, 78, 140) contains.

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Color

RGB(193, 78, 140)

Conversions

Conversions Part 1

Format	Color
Hex	C14E8C
RGB	193, 78, 140
RGB Percent	76%, 31%, 55%
CMY	0.2431, 0.6941, 0.4510
CMYK	0.00, 0.60, 0.27, 0.24
HSL	328°, 48%, 53%
HSV	328°, 60%, 76%
XYZ	29.4503, 18.6797, 26.8643
YIQ	119.4530, 48.6380, 43.6620

Conversions

Conversions Part 2

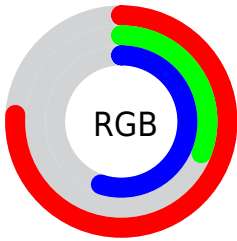
Format	Color
R_{YB}	193, 78, 140
Decimal	12668556
CIE _{Lab}	50.31, 52.52, -11.11
CIE _{LCh}	50, 53.683, 348.054
Yxy	18.6797, 0.3927, 0.2491
Android (android.graphics.Color)	4290858636 (0xFFC14E8C)
YUV	119.4530, 10.1297, 64.5007
Hunter-Lab	43.2200, 45.9958, -6.5989

Details

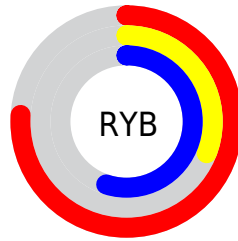
The RGB color **193, 78, 140** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **78, 193, 131**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **252, 132, 194**, and **136, 17, 90** is the 20% darker color. If you saturate the color by 10%, you get **193, 59, 131**, and if you desaturate by 10%, it is **193, 97, 149**.

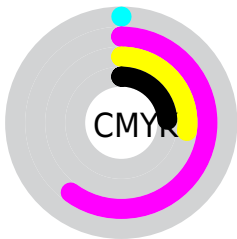
Distribution



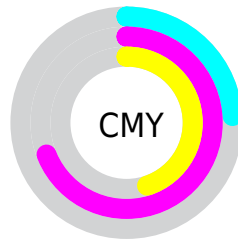
- Red (76%)
- Green (31%)
- Blue (55%)



- Red (76%)
- Yellow (31%)
- Blue (55%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (24%)























- Cyan (24%)
- Magenta (69%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RGB color 193, 78, 140 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 RGB color 193, 78, 140 by changing the saturation by 10% instead.

 193, 78, 140	 193, 78, 140
 255, 255, 255	 164, 50, 114
 252, 132, 194	 136, 17, 90
 255, 160, 221	 108, 0, 66
 255, 188, 250	 81, 0, 44
 255, 217, 255	 57, 0, 24
 255, 246, 255	 23, 0, 0
	 0, 0, 0
 193, 78, 140	 193, 78, 140
 193, 59, 131	 193, 97, 149

 193, 39, 122

 193, 117, 158

 193, 20, 113

 193, 136, 167

 193, 1, 104

 193, 155, 176

 193, 0, 104

 193, 175, 184

 193, 194, 193

 193, 213, 202

 193, 232, 211

 193, 252, 220

Harmonies

Analogous

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



156, 95, 181



193, 78, 140



202, 77, 94

Triad

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



193, 78, 140



117, 126, 19



0, 138, 187

Complementary

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



193, 78, 140



78, 193, 131

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, 141, 147



193, 78, 140



61, 135, 55

Square

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



193, 78, 140



158, 111, 20



0, 140, 99



0, 130, 209

Rectangle

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



193, 78, 140



195, 86, 66



0, 140, 99



0, 140, 175

Sweetspot

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



193, 78, 140



250, 205, 229



130, 78, 193



125, 97, 112



252, 252, 252



125, 125, 125

Same Dimension

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



193, 78, 140



250, 70, 167



193, 78, 84



97, 87, 92



161, 0, 87



33, 0, 18

Inverse Universe

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



193, 78, 140



250, 70, 167



78, 193, 187



97, 87, 92



161, 0, 87



33, 0, 18

Previews

White Background



This preview shows how the RGB color 193, 78, 140 looks on a white background.

Color Contrast Check

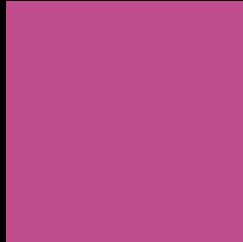
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 193, 78, 140 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](#).

RGB 193, 78, 140 Background



This preview shows how black text looks on a background with the RGB color 193, 78, 140.



This preview shows how white text looks on a background with the RGB color 193, 78, 140.

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



Original Color
193, 78, 140

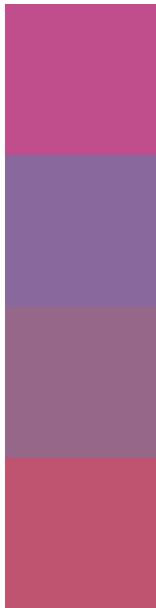
Protanopia
105, 119, 168

Deuteranopia
126, 117, 134



Tritanopia
189, 88, 94

Trichromacy



Original Color
193, 78, 140

Protanomaly
137, 104, 158

Deuteranomaly
150, 103, 136

Tritanomaly
190, 84, 111

Monochromacy



Original Color
193, 78, 140

Achromatopsia
119, 119, 119

Achromatomaly
146, 104, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 78, 140 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, 78, 140)` looks like.

```
.text, #text, p{  
    color:rgb(193, 78, 140)  
}
```

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, 78, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 78, 140) }
```

Border

The CSS property to change the border of an element to RGB 193, 78, 140 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, 78, 140) }
```

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

```
.border{ border-color:rgb(193, 78, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 78, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 78, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 78, 140);  
box-shadow:4px 4px 4px 4px rgb(193, 78,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 193, 78, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 78, 140) }
```

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

```
.background{ background-color: rgb(193, 78,  
140) }
```

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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