

Converting Colors

`RYB(194, 72, 108)`

Have a look what the booklet for
RYB(194, 72, 108) contains.

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Color

`RYB(194, 72, 108)`

Conversions

Conversions Part 1

Format	Color
Hex	C2486C
RGB	194, 72, 108
RGB Percent	76%, 28%, 42%
CMY	0.2392, 0.7176, 0.5765
CMYK	0.00, 0.63, 0.44, 0.24
HSL	342°, 50%, 52%
HSV	342°, 63%, 76%
XYZ	27.2723, 17.1868, 16.0673
YIQ	112.5820, 61.1560, 37.0600

Conversions

Conversions Part 2

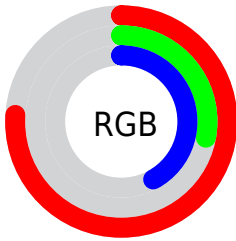
Format	Color
R_{YB}	194, 72, 108
Decimal	12732524
CIE _{Lab}	48.49, 51.79, 5.51
CIE _{LCh}	48, 52.084, 6.072
Yxy	17.1868, 0.4506, 0.2840
Android (android.graphics.Color)	4290922604 (0xFFC2486C)
YUV	112.5820, -2.2589, 71.4036
Hunter-Lab	41.4569, 44.8759, 6.0410

Details

The RYB color **194, 72, 108** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **72, 144, 194**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **254, 126, 159**, and **136, 5, 61** is the 20% darker color. If you saturate the color by 10%, you get **194, 53, 94**, and if you desaturate by 10%, it is **194, 91, 122**.

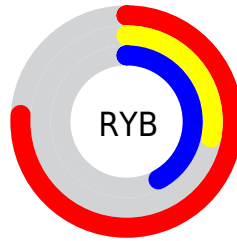
Distribution



Red (76%)

Green (28%)

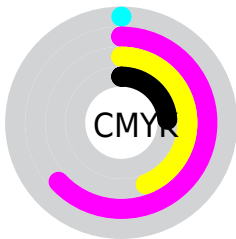
Blue (42%)



Red (76%)

Yellow (28%)

Blue (42%)

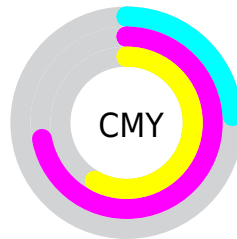


Cyan (0%)

Magenta (63%)

Yellow (44%)

Black (24%)



Cyan (24%)

Magenta (72%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 72, 108 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, 72, 108 by changing the saturation by 10% instead.



194, 72, 108



194, 72, 108

255, 255, 255



165, 44, 84



254, 126, 159



136, 5, 61



255, 154, 186



107, 0, 39



255, 182, 214



79, 0, 19



255, 211, 242



54, 0, 2



255, 240, 255



6, 0, 0



0, 0, 0



194, 72, 108



194, 72, 108



194, 53, 94



194, 91, 122

194, 33, 81

194, 111, 135

194, 14, 67

194, 130, 149

194, 0, 57

194, 150, 163

194, 169, 176

194, 188, 190

194, 202, 208

194, 213, 227

194, 225, 247

Harmonies

Analogous

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



175, 80, 152



194, 72, 108



189, 84, 66

Triad

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



194, 72, 108



37, 127, 81



0, 78, 195

Complementary

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



194, 72, 108



72, 144, 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, 74, 166



194, 72, 108



0, 84, 133

Square

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



194, 72, 108



27, 129, 12



0, 71, 136



11, 79, 203

Rectangle

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



194, 72, 108



175, 129, 41



0, 71, 136



0, 78, 188

Sweetspot

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



194, 72, 108



252, 204, 219



157, 72, 194



128, 98, 107



0, 0, 0



128, 128, 128

Same Dimension

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



194, 72, 108



252, 63, 119



194, 102, 72



97, 87, 90



161, 0, 47



33, 0, 10

Inverse Universe

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



194, 72, 108



252, 63, 119



72, 126, 194



97, 87, 90



161, 0, 47



33, 0, 10

Previews

White Background



This preview shows how the RYB color 194, 72, 108 looks on a white background.

Color Contrast Check

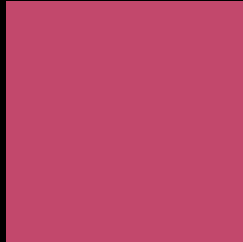
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 72, 108 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 194, 72, 108 Background



This preview shows how black text looks on a background with the RYB color 194, 72, 108.

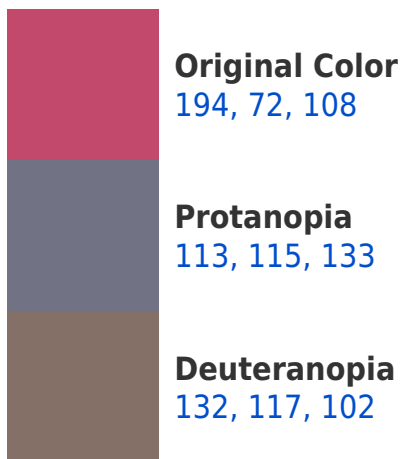


This preview shows how white text looks on a background with the RYB color 194, 72, 108.

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, 77, 82

Trichromacy



Original Color

194, 72, 108

Protanomaly

142, 99, 124

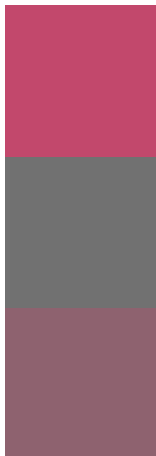
Deuteranomaly

155, 97, 104

Tritanomaly

193, 75, 91

Monochromacy



Original Color

194, 72, 108

Achromatopsia

113, 113, 113

Achromatomaly

142, 98, 111

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 72, 108 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, 72, 108)` looks like.

```
.text, #text, p{  
    color:rgb(194, 72, 108)  
}
```

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, 72, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 72, 108) }
```

Border

The CSS property to change the border of an element to RYB 194, 72, 108 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, 72, 108) }
```

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

```
.border{ border-color:rgb(194, 72, 108) }
```

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

Here you see how a box with a 4 pixel rgb(194, 72, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 72, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 72, 108);  
box-shadow:4px 4px 4px 4px rgb(194, 72,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 194, 72, 108 is called "background".

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

```
.background, #background, body{  
background: rgb(194, 72, 108) }
```

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

```
.background{ background-color: rgb(194, 72,  
108) }
```

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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