

Converting Colors

`RYB(184, 106, 148)`

Have a look what the booklet for
RYB(184, 106, 148) contains.

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Color

R_YB(184, 106, 148)

Conversions

Conversions Part 1

Format	Color
Hex	B86A94
RGB	184, 106, 148
RGB Percent	72%, 42%, 58%
CMY	0.2784, 0.5843, 0.4196
CMYK	0.00, 0.42, 0.20, 0.28
HSL	328°, 35%, 57%
HSV	328°, 42%, 72%
XYZ	30.2665, 22.6365, 30.7910
YIQ	134.1100, 33.0060, 29.5980

Conversions

Conversions Part 2

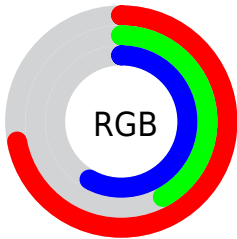
Format	Color
RYB	184, 106, 148
Decimal	12085908
CIELab	54.70, 36.71, -9.39
CIELCh	55, 37.894, 345.659
Yxy	22.6365, 0.3616, 0.2705
Android (android.graphics.Color)	4290275988 (0xFFB86A94)
YUV	134.1100, 6.8478, 43.7535
Hunter-Lab	47.5779, 30.2909, -5.0663

Details

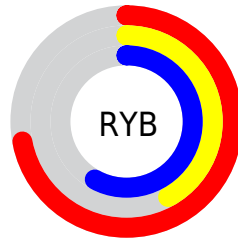
The RYB color **184, 106, 148** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **106, 159, 184**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **241, 159, 202**, and **129, 56, 97** is the 20% darker color. If you saturate the color by 10%, you get **184, 88, 140**, and if you desaturate by 10%, it is **184, 124, 156**.

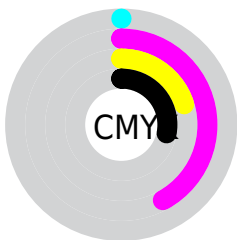
Distribution



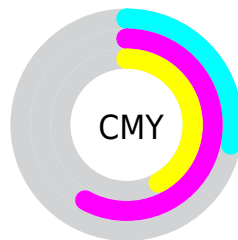
- Red (72%)
- Green (42%)
- Blue (58%)



- Red (72%)
- Yellow (42%)
- Blue (58%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (28%)




- Cyan (28%)
- Magenta (58%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RYB color 184, 106, 148 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 184, 106, 148 by changing the saturation by 10% instead.

 184, 106, 148

255, 255, 255

 241, 159, 202

 255, 186, 230

 255, 214, 255

 255, 243, 255

 184, 106, 148

 156, 81, 122

 129, 56, 97


 103, 31, 74

 77, 2, 51

 53, 0, 30

 27, 0, 1

 0, 0, 0

 184, 106, 148

 184, 88, 140

 184, 106, 148

 184, 124, 156

184, 69, 131

184, 143, 165

184, 51, 123

184, 161, 173

184, 32, 114

184, 180, 182

184, 14, 106

184, 194, 198

184, 0, 99

184, 206, 216

184, 219, 235

184, 231, 253

184, 229, 255

Harmonies

Analogous

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



156, 116, 177



184, 106, 148



194, 104, 115

Triad

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



184, 106, 148



66, 134, 66



0, 80, 177

Complementary

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



184, 106, 148



106, 159, 184

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, 148



184, 106, 148



84, 142, 129

Square

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



184, 106, 148



141, 165, 67



48, 107, 147



34, 97, 194

Rectangle

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



184, 106, 148



190, 112, 94



48, 107, 147



0, 78, 168

Sweetspot

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



184, 106, 148



240, 209, 225



141, 106, 184



120, 101, 111



247, 247, 247



120, 120, 120

Same Dimension

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



184, 106, 148



240, 117, 183



184, 106, 110



92, 83, 88



156, 0, 84



28, 0, 15

Inverse Universe

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



184, 106, 148



240, 117, 183



106, 146, 184



92, 83, 88



156, 0, 84



28, 0, 15

Previews

White Background



This preview shows how the RYB color 184, 106, 148 looks on a white background.

Color Contrast Check

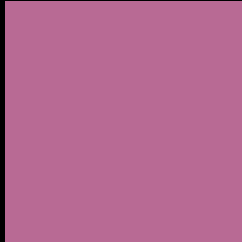
Large Text (above 18pt) WCAG AA ✓ Pass

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 184, 106, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

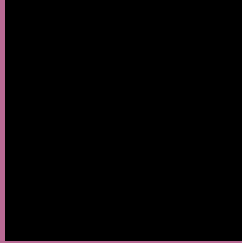
Any Text WCAG AA ✓ Pass

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 184, 106, 148 Background



This preview shows how black text looks on a background with the RYB color 184, 106, 148.

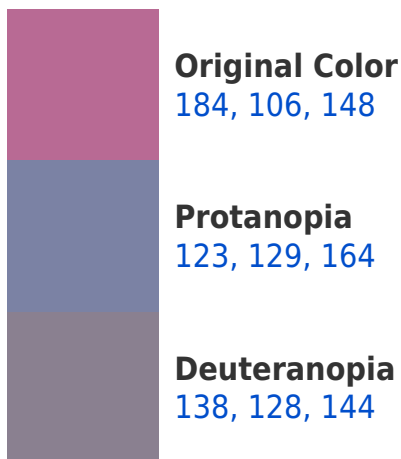



This preview shows how white text looks on a background with the RYB color 184, 106, 148.

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
181, 111, 120

Trichromacy



Original Color

184, 106, 148

Protanomaly

145, 121, 158

Deuteranomaly

155, 120, 145

Tritanomaly

182, 109, 130

Monochromacy



Original Color

184, 106, 148

Achromatopsia

134, 134, 134

Achromatomaly

152, 124, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 106, 148 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(184, 106, 148) looks like.

```
.text, #text, p{  
    color:rgb(184, 106, 148)  
}
```

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(184, 106, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 106, 148) }
```

Border

The CSS property to change the border of an element to RYB 184, 106, 148 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(184, 106, 148) }
```

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

```
.border{ border-color:rgb(184, 106, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 106, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 106, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 106, 148); box-shadow:4px 4px 4px 4px rgb(184, 106, 148) }
```

Background

The CSS property to change the background color of an element to RYB 184, 106, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 106, 148) }
```

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

```
.background{ background-color: rgb(184,  
106, 148) }
```

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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