

Converting Colors

`RYB(186, 114, 192)`

Have a look what the booklet for RYB(186, 114, 192) contains.

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Color

R_YB(186, 114, 192)

Conversions

Conversions Part 1

Format	Color
Hex	BA72C0
RGB	186, 114, 192
RGB Percent	73%, 45%, 75%
CMY	0.2706, 0.5529, 0.2471
CMYK	0.03, 0.41, 0.00, 0.25
HSL	295°, 38%, 60%
HSV	295°, 41%, 75%
XYZ	35.7814, 26.2795, 53.0557
YIQ	144.4200, 17.8740, 39.5220

Conversions

Conversions Part 2

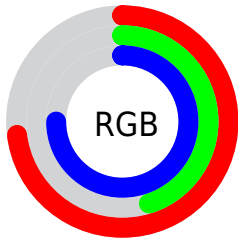
Format	Color
R _Y B	186, 114, 192
Decimal	12219072
CIE Lab	58.30, 40.77, -29.28
CIE LCh	58, 50.188, 324.316
Yxy	26.2795, 0.3108, 0.2283
Android (android.graphics.Color)	4290409152 (0xFFBA72C0)
YUV	144.4200, 23.4569, 36.4657
Hunter-Lab	51.2635, 34.8800, -25.4783

Details

The RYB color **186, 114, 192** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **114, 192, 186**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **243, 167, 249**, and **131, 63, 138** is the 20% darker color. If you saturate the color by 10%, you get **185, 95, 192**, and if you desaturate by 10%, it is **187, 133, 192**.

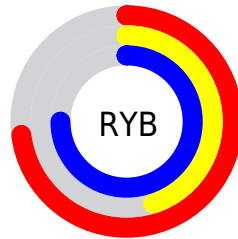
Distribution



Red (73%)

Green (45%)

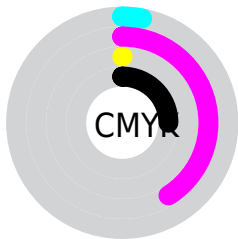
Blue (75%)



Red (73%)

Yellow (45%)

Blue (75%)

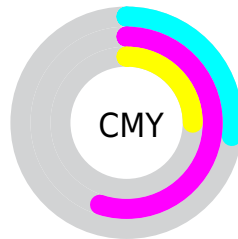


Cyan (3%)

Magenta (41%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (55%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the RYB color 186, 114, 192 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 186, 114, 192 by changing the saturation by 10% instead.

 186, 114, 192


255, 255, 255

 243, 167, 249


 255, 195, 255


 255, 224, 255

 255, 252, 255

 186, 114, 192

 158, 88, 165

 131, 63, 138

 105, 38, 113

 79, 10, 88


 54, 0, 64

 34, 0, 42

 0, 1, 19


 0, 0, 0

 186, 114, 192

 186, 114, 192


 185, 95, 192

 187, 133, 192

 183, 76, 192


 189, 152, 192

 182, 56, 192

 190, 172, 192

 180, 37, 192

 192, 191, 192

 179, 18, 192

 192, 210, 209

 177, 0, 192

 192, 229, 226

 192, 248, 244

 192, 255, 249

 192, 255, 248

Harmonies

Analogous

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



128, 132, 220



186, 114, 192



216, 102, 150

Triad

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



186, 114, 192



101, 172, 48



0, 84, 175

Complementary

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



186, 114, 192



114, 192, 186

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, 89, 161



186, 114, 192



55, 148, 74

Square

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



186, 114, 192



204, 146, 69



74, 146, 157



0, 90, 211

Rectangle

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



186, 114, 192



222, 102, 121



74, 146, 157



0, 81, 162

Sweetspot

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



186, 114, 192



248, 220, 250



114, 120, 192



124, 107, 125



252, 252, 252



125, 125, 125

Same Dimension

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



186, 114, 192



240, 127, 250



192, 114, 159



96, 87, 97



148, 0, 161



31, 0, 33

Inverse Universe

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



192, 114, 120



250, 127, 137



114, 169, 192



97, 87, 88



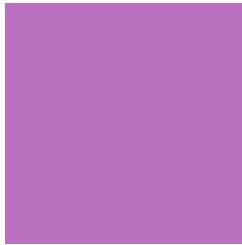
161, 0, 12



33, 0, 3

Previews

White Background



This preview shows how the RYB color 186, 114, 192 looks on a white background.

Color Contrast Check

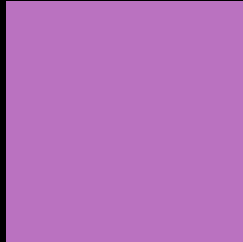
Large Text (above 18pt) WCAG AA ✓ Pass

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 186, 114, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

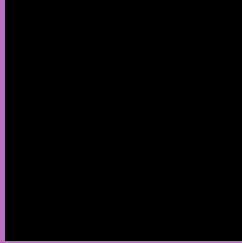
Any Text WCAG AA ✓ Pass

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 186, 114, 192 Background



This preview shows how black text looks on a background with the RYB color 186, 114, 192.

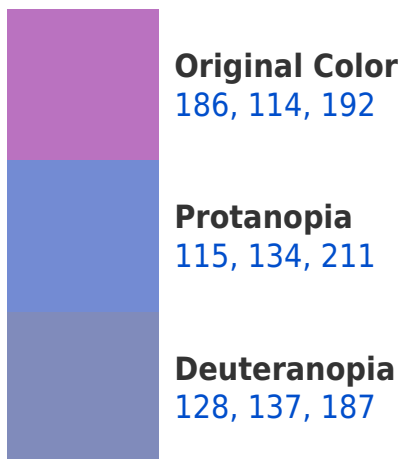


This preview shows how white text looks on a background with the RYB color 186, 114, 192.

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
178, 126, 136

Trichromacy



Original Color

186, 114, 192



Protanomaly

141, 129, 204



Deuteranomaly

149, 129, 189



Tritanomaly

181, 122, 156

Monochromacy



Original Color

186, 114, 192



Achromatopsia

144, 144, 144



Achromatomaly

159, 133, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 114, 192 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(186, 114, 192)` looks like.

```
.text, #text, p{  
    color:rgb(186, 114, 192)  
}
```

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(186, 114, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 114, 192) }
```

Border

The CSS property to change the border of an element to RYB 186, 114, 192 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(186, 114, 192) }
```

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

```
.border{ border-color:rgb(186, 114, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 114, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 114, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 114, 192);  
box-shadow:4px 4px 4px 4px rgb(186, 114,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 186, 114, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 114, 192) }
```

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

```
.background{ background-color: rgb(186,  
114, 192) }
```

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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