Converting Colors

RYB(182, 86, 113)

Have a look what the booklet for RYB(182, 86, 113) contains.

Color

RYB(182, 86, 113)

Conversions

Conversions Part 1

Format	Color
Hex	B65671
RGB	182, 86, 113
RGB Percent	71%, 34%, 44%
CMY	0.2863, 0.6627, 0.5569
CMYK	0.00, 0.53, 0.38, 0.29
HSL	343°, 40%, 53%
HSV	343°, 53%, 71%
XYZ	25.5998, 17.7929, 17.7079
YIQ	117.7820, 48.5490, 28.7490

Conversions

Conversions Part 2

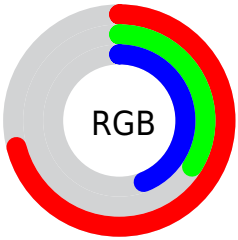
Format	Color
RYB	182, 86, 113
Decimal	11949681
CIELab	49.24, 41.68, 3.32
CIELCh	49, 41.809, 4.555
Yxy	17.7929, 0.4190, 0.2912
Android (android.graphics.Color)	4290139761 (0xFFB65671)
YUV	117.7820, -2.3575, 56.3192
Hunter-Lab	42.1816, 34.5129, 4.6371

Details

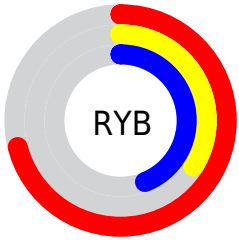
The RYB color 182, 86, 113 is a dark color, and the websafe version is hex CC6699. A complement of this color would be 86, 142, 182, and the grayscale version is 118, 118, 118.

A 20% lighter version of the original color is 241, 139, 165, and 126, 34, 65 is the 20% darker color. If you saturate the color by 10%, you get 182, 68, 100, and if you desaturate by 10%, it is 182, 104, 126.

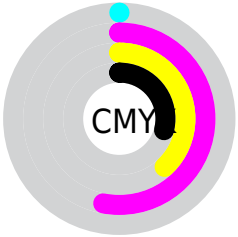
Distribution



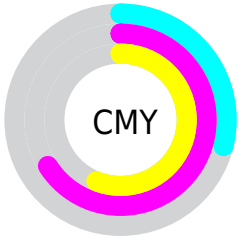
- Red (71%)
- Green (34%)
- Blue (44%)



- Red (71%)
- Yellow (34%)
- Blue (44%)



- Cyan (0%)
- Magenta (53%)
- Yellow (38%)
- Black (29%)



- Cyan (29%)
- Magenta (66%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 86, 113 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 182, 86, 113 by changing the saturation by 10% instead.

182, 86, 113	182, 86, 113
255, 255, 255	154, 60, 89
241, 139, 165	126, 34, 65
255, 166, 192	98, 1, 43
255, 194, 220	71, 0, 23
255, 222, 248	49, 0, 2
255, 251, 255	0, 0, 0

182, 86, 113	182, 86, 113
182, 68, 100	182, 104, 126
182, 50, 87	182, 122, 139

182, 31, 74

182, 13, 61

182, 0, 51

182, 141, 152

182, 159, 165

182, 177, 178

182, 190, 195

182, 200, 213

182, 211, 232

182, 222, 250

Harmonies

Analogous

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

165, 92, 148

182, 86, 113

180, 94, 79

Triad

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

182, 86, 113

56, 127, 88

0, 75, 181

Complementary

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

182, 86, 113

86, 142, 182

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, 72, 156

182, 86, 113

44, 104, 132

Square

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

182, 86, 113

61, 132, 43

0, 71, 135

60, 100, 188

Rectangle

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

182, 86, 113

169, 123, 60

0, 71, 135

0, 75, 174

Sweetspot

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

182, 86, 113

237, 199, 210

155, 86, 182

120, 97, 103

247, 247, 247

120, 120, 120

Same Dimension

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

182, 86, 113

237, 88, 130

182, 113, 86

92, 83, 85

156, 0, 44

28, 0, 8

Inverse Universe

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

182, 86, 113

237, 88, 130

86, 128, 182

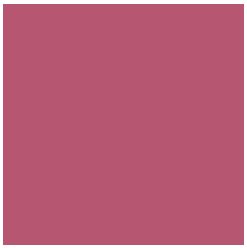
92, 83, 85

156, 0, 44

28, 0, 8

Previews

White Background

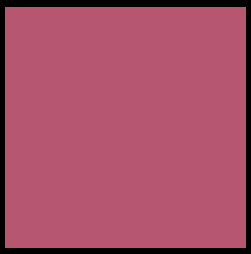


This preview shows how the RYB color 182, 86, 113 looks on a white background.

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



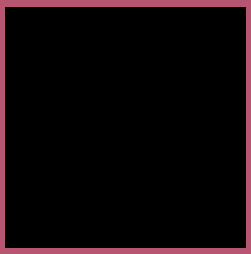
This preview shows how the RYB color 182, 86, 113 looks on a black background.

Color Contrast Check

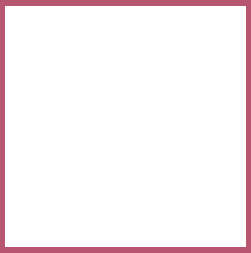
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 182, 86, 113 Background



This preview shows how black text looks on a background with the RYB color 182, 86, 113.



This preview shows how white text looks on a background with the RYB color 182, 86, 113.

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

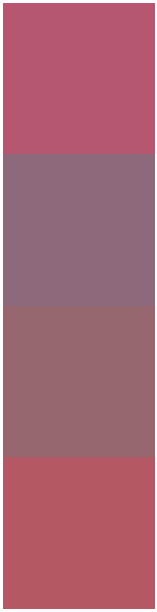
Original Color
182, 86, 113

Protanopia
116, 117, 131

Deuteranopia
132, 114, 109

Tritanopia
181, 89, 96

Trichromacy



Original Color
182, 86, 113

Protanomaly
140, 106, 124

Deuteranomaly
150, 103, 110

Tritanomaly
181, 88, 102

Monochromacy

Original Color
182, 86, 113

Achromatopsia
118, 118, 118

Achromatomaly
141, 106, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 86, 113 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(182, 86, 113) looks like.

```
.text, #text, p{
    color:rgb(182, 86, 113)
}
```

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(182, 86, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 86, 113) }
```

Border

The CSS property to change the border of an element to RYB 182, 86, 113 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(182, 86, 113) }
```

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

```
.border{ border-color:rgb(182, 86, 113) }
```

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

Here you see how a box with a 4 pixel rgb(182, 86, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 86, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 86, 113); box-shadow:4px 4px 4px 4px rgb(182, 86, 113) }
```

Background

The CSS property to change the background color of an element to RYB 182, 86, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(182, 86, 113) }
```

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

```
.background{ background-color:rgb(182, 86,
113) }
```

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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