

Converting Colors

`RYB(183, 74, 145)`

Have a look what the booklet for
RYB(183, 74, 145) contains.

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Color

`RYB(183, 74, 145)`

Conversions

Conversions Part 1

Format	Color
Hex	B74A91
RGB	183, 74, 145
RGB Percent	72%, 29%, 57%
CMY	0.2824, 0.7098, 0.4314
CMYK	0.00, 0.60, 0.21, 0.28
HSL	321°, 43%, 50%
HSV	321°, 60%, 72%
XYZ	27.0881, 17.0092, 28.6435
YIQ	114.6850, 42.1730, 45.1890

Conversions

Conversions Part 2

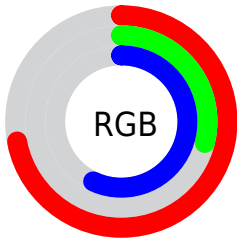
Format	Color
R_{YB}	183, 74, 145
Decimal	12012177
CIE _{Lab}	48.27, 52.01, -17.34
CIE _{LCh}	48, 54.822, 341.564
Yxy	17.0092, 0.3724, 0.2338
Android (android.graphics.Color)	4290202257 (0xFFB74A91)
YUV	114.6850, 14.9453, 59.9123
Hunter-Lab	41.2422, 45.0658, -12.3085

Details

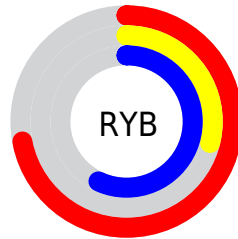
The RYB color **183, 74, 145** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **74, 155, 183**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **241, 128, 199**, and **127, 11, 94** is the 20% darker color. If you saturate the color by 10%, you get **183, 56, 139**, and if you desaturate by 10%, it is **183, 92, 151**.

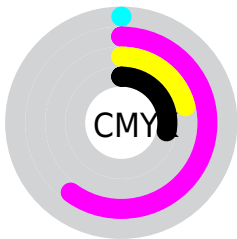
Distribution



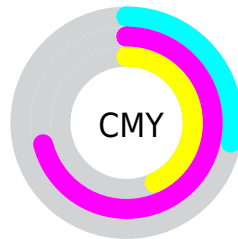
- Red (72%)
- Green (29%)
- Blue (57%)



- Red (72%)
- Yellow (29%)
- Blue (57%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (28%)



- Cyan (28%)
- Magenta (71%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 74, 145 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 183, 74, 145 by changing the saturation by 10% instead.



183, 74, 145



183, 74, 145

255, 255, 255



155, 46, 119



241, 128, 199



127, 11, 94



255, 156, 227



100, 0, 71



255, 184, 255



73, 0, 48



255, 212, 255



49, 0, 27



255, 241, 255



4, 0, 0



0, 0, 0



183, 74, 145




183, 74, 145



183, 56, 139



183, 92, 151


 183, 37, 132

 183, 111, 158

 183, 19, 126

 183, 129, 164

 183, 1, 119

 183, 147, 171

 183, 0, 119

 183, 166, 177

 183, 184, 184

 183, 197, 202

 183, 210, 220

 183, 225, 239

Harmonies

Analogous

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



139, 94, 184



183, 74, 145



198, 68, 99

Triad

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



183, 74, 145



3, 121, 0



0, 76, 175

Complementary

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



183, 74, 145



74, 155, 183

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, 69, 136



183, 74, 145



39, 129, 99

Square

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



183, 74, 145



113, 160, 16



0, 82, 134



0, 78, 202

Rectangle

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



183, 74, 145



194, 76, 69



0, 82, 134



0, 74, 162

Sweetspot

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



183, 74, 145



237, 194, 222



110, 74, 183



120, 93, 111



247, 247, 247



120, 120, 120

Same Dimension

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



183, 74, 145



237, 69, 178



183, 74, 92



92, 83, 89



156, 0, 101



28, 0, 18

Inverse Universe

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



183, 74, 145



237, 69, 178



74, 133, 183



92, 83, 89



156, 0, 101



28, 0, 18

Previews

White Background



This preview shows how the RYB color 183, 74, 145 looks on a white background.

Color Contrast Check

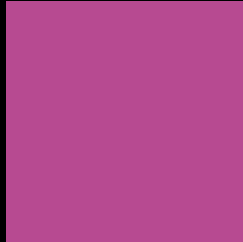
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 74, 145 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 183, 74, 145 Background



This preview shows how black text looks on a background with the RYB color 183, 74, 145.

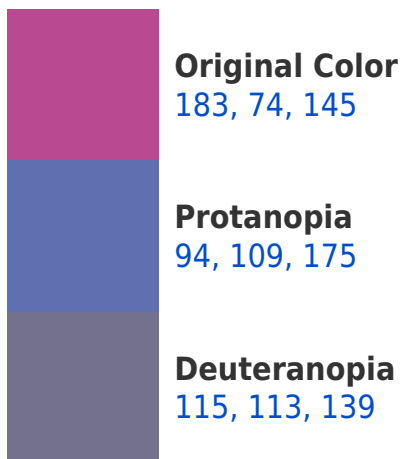


This preview shows how white text looks on a background with the RYB color 183, 74, 145.

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, 87, 93

Trichromacy



Original Color

183, 74, 145



Protanomaly

126, 99, 164



Deuteranomaly

140, 99, 141



Tritanomaly

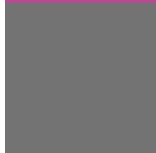
180, 82, 112

Monochromacy



Original Color

183, 74, 145



Achromatopsia

115, 115, 115



Achromatomaly

140, 100, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 74, 145 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(183, 74, 145)` looks like.

```
.text, #text, p{  
    color:rgb(183, 74, 145)  
}
```

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(183, 74, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 74, 145) }
```

Border

The CSS property to change the border of an element to RYB 183, 74, 145 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(183, 74, 145) }
```

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

```
.border{ border-color:rgb(183, 74, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 74, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 74, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 74, 145); box-shadow:4px 4px 4px 4px rgb(183, 74, 145) }
```

Background

The CSS property to change the background color of an element to RGB 183, 74, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 74, 145) }
```

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

```
.background{ background-color: rgb(183, 74,  
145) }
```

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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