

Converting Colors

`RYB(203, 182, 244)`

Have a look what the booklet for RYB(203, 182, 244) contains.

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Color

R_YB(203, 182, 244)

Conversions

Conversions Part 1

Format	Color
Hex	CBB6F4
RGB	203, 182, 244
RGB Percent	80%, 71%, 96%
CMY	0.2039, 0.2863, 0.0431
CMYK	0.17, 0.25, 0.00, 0.04
HSL	260°, 74%, 84%
HSV	260°, 25%, 96%
XYZ	57.6857, 52.6841, 92.7166
YIQ	195.3470, -7.3860, 23.7340

Conversions

Conversions Part 2

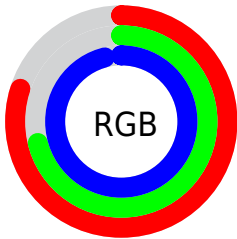
Format	Color
R _Y B	203, 182, 244
Decimal	13350644
CIE Lab	77.69, 19.50, -28.04
CIE LCh	78, 34.152, 304.824
Yxy	52.6841, 0.2840, 0.2594
Android (android.graphics.Color)	4291540724 (0xFFCBB6F4)
YUV	195.3470, 23.9859, 6.7117
Hunter-Lab	72.5838, 14.8406, -24.9268

Details

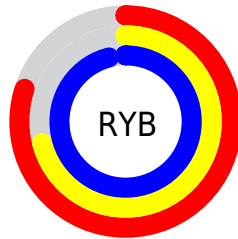
The RYB color **203, 182, 244** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **182, 244, 203**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 238, 255**, and **148, 129, 188** is the 20% darker color. If you saturate the color by 10%, you get **187, 158, 244**, and if you desaturate by 10%, it is **219, 206, 244**.

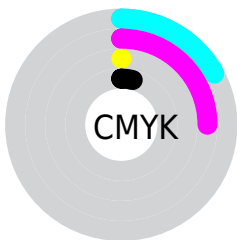
Distribution



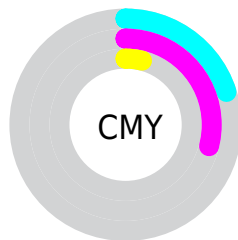
- Red (80%)
- Green (71%)
- Blue (96%)



- Red (80%)
- Yellow (71%)
- Blue (96%)



- Cyan (17%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 182, 244 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 203, 182, 244 by changing the saturation by 10% instead.

■ 203, 182, 244

255, 255, 255

■ 255, 238, 255

■ 203, 182, 244

■ 175, 155, 215

■ 148, 129, 188

■ 122, 104, 160

■ 96, 80, 134

■ 72, 57, 109

■ 48, 35, 84

■ 24, 14, 61

■ 0, 0, 39

■ 0, 1, 16

■ 203, 182, 244

■ 203, 182, 244

■ 187, 158, 244

■ 219, 206, 244

■ 171, 133, 244

■ 235, 231, 244

■ 155, 109, 244

■ 244, 255, 248

■ 138, 84, 244

■ 244, 255, 244

■ 122, 60, 244

■ 106, 36, 244

■ 90, 11, 244

■ 83, 0, 244

Harmonies

Analogous

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



158, 184, 255



203, 182, 244



237, 172, 220

Triad

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



203, 182, 244



237, 219, 135



103, 159, 209

Complementary

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



203, 182, 244



182, 244, 203

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.



138, 188, 207



203, 182, 244



151, 209, 129

Square

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



203, 182, 244



253, 175, 157



139, 201, 165



87, 152, 227

Rectangle

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



203, 182, 244



250, 169, 199



139, 201, 165



113, 168, 209

Sweetspot

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



203, 182, 244



242, 235, 255



182, 207, 244



119, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 182, 244



204, 179, 255



234, 182, 244



114, 110, 122



63, 0, 186



20, 0, 59

Inverse Universe

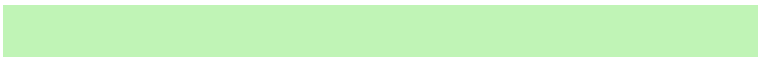
The Inverse Universe completely reimagines the original color for something new.



244, 182, 223



255, 179, 229



182, 244, 234



122, 110, 118



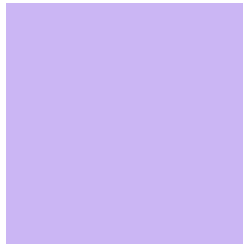
186, 0, 123



59, 0, 39

Previews

White Background



This preview shows how the RYB color 203, 182, 244 looks on a white background.

Color Contrast Check

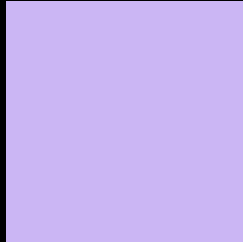
Large Text (above 18pt) WCAG AA × Fail

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 203, 182, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

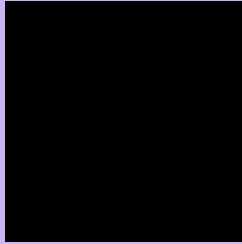
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 203, 182, 244 Background



This preview shows how black text looks on a background with the RYB color 203, 182, 244.




This preview shows how white text looks on a background with the RYB color 203, 182, 244.

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
196, 189, 204

Trichromacy



Original Color
203, 182, 244

Protanomaly
186, 187, 248

Deuteranomaly
191, 186, 243

Tritanomaly
199, 186, 219

Monochromacy



Original Color
203, 182, 244

Achromatopsia
195, 195, 195

Achromatomaly
198, 190, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 182, 244 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(203, 182, 244)` looks like.

```
.text, #text, p{  
    color:rgb(203, 182, 244)  
}
```

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(203, 182, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 182, 244) }
```

Border

The CSS property to change the border of an element to RYB 203, 182, 244 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(203, 182, 244) }
```

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

```
.border{ border-color:rgb(203, 182, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 182, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 182, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 182, 244);  
box-shadow:4px 4px 4px 4px rgb(203, 182,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 203, 182, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 182, 244) }
```

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

```
.background{ background-color: rgb(203,  
182, 244) }
```

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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