

Converting Colors

`RYB(207, 182, 240)`

Have a look what the booklet for
RYB(207, 182, 240) contains.

RYB(207, 182, 240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(207, 182, 240)

Conversions

Conversions Part 1

Format	Color
Hex	CFB6F0
RGB	207, 182, 240
RGB Percent	81%, 71%, 94%
CMY	0.1882, 0.2863, 0.0588
CMYK	0.14, 0.24, 0.00, 0.06
HSL	266°, 66%, 83%
HSV	266°, 24%, 94%
XYZ	58.1883, 53.0126, 89.6037
YIQ	196.0870, -3.7180, 23.3380

Conversions

Conversions Part 2

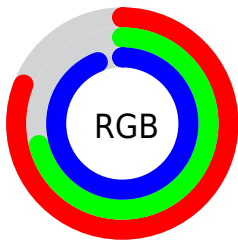
Format	Color
R _Y B	207, 182, 240
Decimal	13612784
CIE Lab	77.88, 19.89, -25.55
CIE LCh	78, 32.384, 307.896
Yxy	53.0126, 0.2898, 0.2640
Android (android.graphics.Color)	4291802864 (0xFFCFB6F0)
YUV	196.0870, 21.6491, 9.5707
Hunter-Lab	72.8097, 15.2370, -21.9987

Details

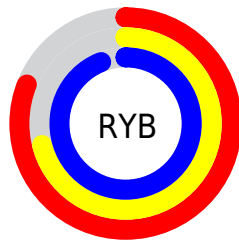
The RYB color **207, 182, 240** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **182, 240, 207**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 238, 255**, and **152, 129, 184** is the 20% darker color. If you saturate the color by 10%, you get **193, 158, 240**, and if you desaturate by 10%, it is **221, 206, 240**.

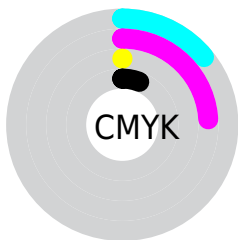
Distribution



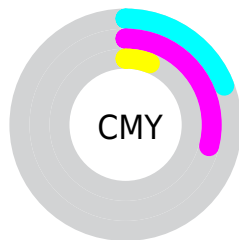
- Red (81%)
- Green (71%)
- Blue (94%)



- Red (81%)
- Yellow (71%)
- Blue (94%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 182, 240 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 207, 182, 240 by changing the saturation by 10% instead.

■ 207, 182, 240

255, 255, 255

■ 255, 238, 255

■ 207, 182, 240

■ 179, 155, 212

■ 152, 129, 184

■ 126, 104, 157

■ 100, 80, 131

■ 76, 56, 105

■ 52, 35, 81

■ 29, 14, 58

■ 1, 0, 36

■ 0, 0, 11

■ 207, 182, 240

■ 207, 182, 240

■ 193, 158, 240

■ 221, 206, 240

■ 180, 134, 240

■ 234, 230, 240

■ 166, 110, 240

■ 240, 254, 246

■ 152, 86, 240

■ 240, 255, 240

■ 139, 62, 240

■ 125, 38, 240

■ 111, 14, 240

■ 103, 0, 240

Harmonies

Analogous

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



165, 186, 252



207, 182, 240



237, 173, 216

Triad

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



207, 182, 240



233, 224, 138



107, 160, 209

Complementary

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



207, 182, 240



182, 240, 207

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, 186, 207



207, 182, 240



149, 206, 133

Square

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



207, 182, 240



250, 178, 157



144, 202, 173



97, 157, 228

Rectangle

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



207, 182, 240



249, 170, 196



144, 202, 173



116, 168, 209

Sweetspot

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



207, 182, 240



245, 237, 255



182, 203, 240



122, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 182, 240



213, 181, 255



235, 182, 240



113, 108, 120



79, 0, 184



24, 0, 56

Inverse Universe

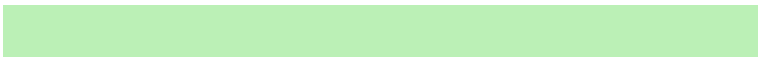
The Inverse Universe completely reimagines the original color for something new.



240, 182, 215



255, 181, 223



182, 240, 235



120, 108, 115



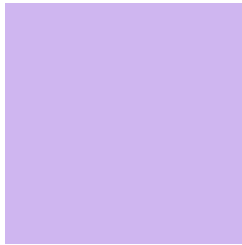
184, 0, 104



56, 0, 32

Previews

White Background



This preview shows how the RYB color 207, 182, 240 looks on a white background.

Color Contrast Check

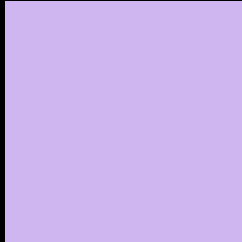
Large Text (above 18pt) WCAG AA × Fail

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 207, 182, 240 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 207, 182, 240 Background



This preview shows how black text looks on a background with the RYB color 207, 182, 240.



This preview shows how white text looks on a background with the RYB color 207, 182, 240.

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
207, 182, 240

Protanopia
178, 189, 246

Deuteranopia
188, 189, 239



Tritanopia
201, 189, 204

Trichromacy



Original Color
207, 182, 240

Protanomaly
189, 188, 244

Deuteranomaly
195, 186, 239

Tritanomaly
203, 186, 217

Monochromacy



Original Color
207, 182, 240

Achromatopsia
196, 196, 196

Achromatomaly
200, 191, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 182, 240 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(207, 182, 240)` looks like.

```
.text, #text, p{  
    color:rgb(207, 182, 240)  
}
```

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(207, 182, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 182, 240) }
```

Border

The CSS property to change the border of an element to RYB 207, 182, 240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

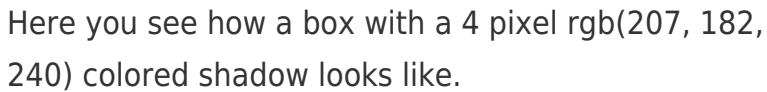
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 182, 240) }
```

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

```
.border{ border-color:rgb(207, 182, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 182, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 182, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 182, 240); box-shadow:4px 4px 4px 4px rgb(207, 182, 240) }
```

Background

The CSS property to change the background color of an element to RYB 207, 182, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 182, 240) }
```

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

```
.background{ background-color: rgb(207,  
182, 240) }
```

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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