

Converting Colors

`RYB(225, 183, 218)`

Have a look what the booklet for
RYB(225, 183, 218) contains.

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Color

R_YB(225, 183, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E1B7DA
RGB	225, 183, 218
RGB Percent	88%, 72%, 85%
CMY	0.1176, 0.2824, 0.1451
CMYK	0.00, 0.19, 0.03, 0.12
HSL	310°, 41%, 80%
HSV	310°, 19%, 88%
XYZ	60.6397, 54.9365, 73.7374
YIQ	199.5480, 13.7970, 19.7890

Conversions

Conversions Part 2

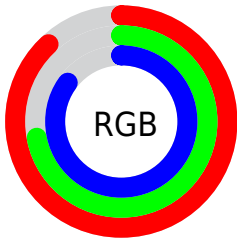
Format	Color
R _Y B	225, 183, 218
Decimal	14792666
CIE _{Lab}	79.00, 20.93, -11.83
CIE _{LCh}	79, 24.046, 330.525
Yxy	54.9365, 0.3203, 0.2902
Android (android.graphics.Color)	4292982746 (0xFFE1B7DA)
YUV	199.5480, 9.0968, 22.3214
Hunter-Lab	74.1191, 16.3292, -7.1012

Details

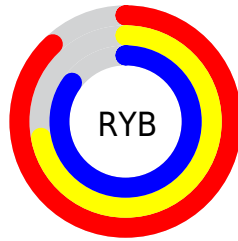
The RYB color **225, 183, 218** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **183, 219, 225**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 239, 255**, and **169, 130, 163** is the 20% darker color. If you saturate the color by 10%, you get **225, 161, 214**, and if you desaturate by 10%, it is **225, 206, 222**.

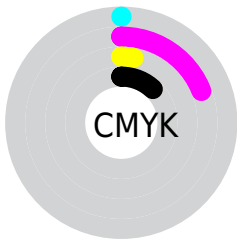
Distribution



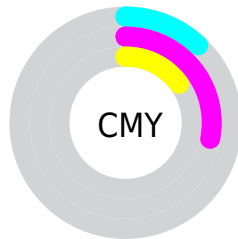
- Red (88%)
- Green (72%)
- Blue (85%)



- Red (88%)
- Yellow (72%)
- Blue (85%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 183, 218 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 225, 183, 218 by changing the saturation by 10% instead.

 225, 183, 218

255, 255, 255

 255, 239, 255

 225, 183, 218


 197, 156, 190


 169, 130, 163

 143, 104, 137

 117, 80, 111

 92, 57, 87

 68, 34, 64

 45, 13, 42

 25, 0, 21

 0, 0, 0

 225, 183, 218

 225, 183, 218

 225, 161, 214

 225, 206, 222

 225, 138, 211


 225, 228, 228

 225, 116, 207

 225, 248, 251

 225, 93, 203

 225, 249, 255

 225, 71, 199

 225, 246, 255

 225, 48, 195

 225, 245, 255

 225, 26, 192

 225, 243, 255

 225, 3, 188

 225, 242, 255

 225, 0, 187

 225, 241, 255

Harmonies

Analogous

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



200, 190, 234



225, 183, 218



239, 180, 196

Triad

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



225, 183, 218



177, 212, 151



133, 173, 217

Complementary

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



225, 183, 218



183, 219, 225

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.



141, 178, 208



225, 183, 218



157, 201, 170

Square

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



225, 183, 218



231, 207, 157



162, 197, 206



144, 180, 234

Rectangle

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



225, 183, 218



242, 180, 181



162, 197, 206



134, 171, 210

Sweetspot

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



225, 183, 218



255, 240, 252



190, 183, 225



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



225, 183, 218



255, 199, 246



225, 183, 197



112, 101, 110



176, 0, 147



48, 0, 40

Inverse Universe

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



225, 183, 218



255, 199, 246



183, 208, 225



112, 101, 110



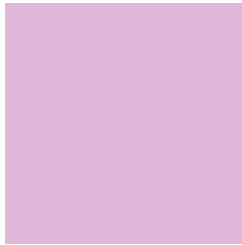
176, 0, 147



48, 0, 40

Previews

White Background



This preview shows how the RYB color 225, 183, 218 looks on a white background.

Color Contrast Check

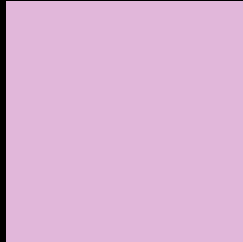
Large Text (above 18pt) WCAG AA × Fail

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 225, 183, 218 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 225, 183, 218 Background



This preview shows how black text looks on a background with the RYB color 225, 183, 218.

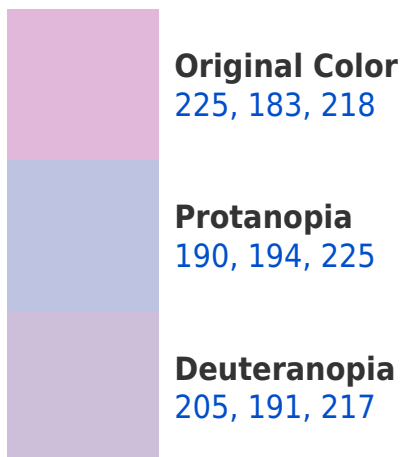



This preview shows how white text looks on a background with the RYB color 225, 183, 218.

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
223, 186, 201

Trichromacy



Original Color
225, 183, 218

Protanomaly
203, 190, 222

Deuteranomaly
212, 188, 217

Tritanomaly
224, 185, 207

Monochromacy



Original Color
225, 183, 218

Achromatopsia
200, 200, 200

Achromatomaly
209, 194, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 183, 218 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(225, 183, 218) looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 218)  
}
```

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(225, 183, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 218) }
```

Border

The CSS property to change the border of an element to RYB 225, 183, 218 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(225, 183, 218) }
```

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

```
.border{ border-color:rgb(225, 183, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 218);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 225, 183, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 218) }
```

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

```
.background{ background-color: rgb(225,  
183, 218) }
```

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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