

Converting Colors

`RYB(220, 125, 179)`

Have a look what the booklet for
RYB(220, 125, 179) contains.

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Color

R_YB(220, 125, 179)

Conversions

Conversions Part 1

Format	Color
Hex	DC7DB3
RGB	220, 125, 179
RGB Percent	86%, 49%, 70%
CMY	0.1373, 0.5098, 0.2980
CMYK	0.00, 0.43, 0.19, 0.14
HSL	326°, 58%, 68%
HSV	326°, 43%, 86%
XYZ	44.9855, 33.1375, 46.6730
YIQ	159.5610, 39.2860, 36.9340

Conversions

Conversions Part 2

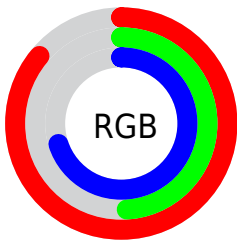
Format	Color
R_{YB}	220, 125, 179
Decimal	14450099
CIE _{Lab}	64.27, 43.66, -12.40
CIE _{LCh}	64, 45.382, 344.145
Yxy	33.1375, 0.3605, 0.2655
Android (android.graphics.Color)	4292640179 (0xFFDC7DB3)
YUV	159.5610, 9.5834, 53.0050
Hunter-Lab	57.5652, 38.7533, -7.7758

Details

The RYB color **220, 125, 179** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **125, 191, 220**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 180, 235**, and **163, 73, 126** is the 20% darker color. If you saturate the color by 10%, you get **220, 103, 170**, and if you desaturate by 10%, it is **220, 147, 188**.

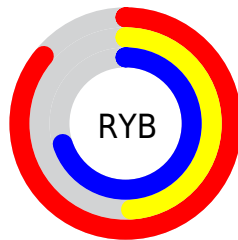
Distribution



Red (86%)

Green (49%)

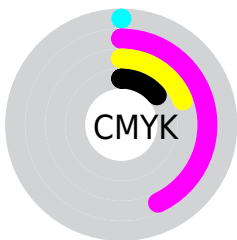
Blue (70%)



Red (86%)

Yellow (49%)

Blue (70%)

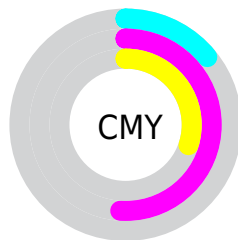


Cyan (0%)

Magenta (43%)

Yellow (19%)

Black (14%)



Cyan (14%)


Magenta (51%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 125, 179 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 220, 125, 179 by changing the saturation by 10% instead.


 220, 125, 179


255, 255, 255


 255, 180, 235

 255, 208, 255

 255, 236, 255

 220, 125, 179

 191, 99, 152

 163, 73, 126

 135, 47, 101

 108, 18, 77


 82, 0, 54


 57, 0, 33

 32, 0, 7

 0, 0, 0


 220, 125, 179


 220, 125, 179


 220, 103, 170


 220, 147, 188

 220, 81, 160


 220, 169, 198

 220, 59, 151

 220, 191, 207

 220, 37, 141

 220, 213, 217

 220, 15, 132

 220, 231, 235

 220, 0, 125

 220, 244, 255

 220, 240, 255

 220, 238, 255

Harmonies

Analogous

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



184, 138, 214



220, 125, 179



233, 122, 138

Triad

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



220, 125, 179



76, 162, 74



0, 95, 211

Complementary

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



220, 125, 179



125, 191, 220

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, 89, 177



220, 125, 179



96, 169, 149

Square

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



220, 125, 179



168, 198, 77



53, 127, 175



0, 97, 233

Rectangle

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



220, 125, 179



229, 129, 112



53, 127, 175



0, 93, 200

Sweetspot

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



220, 125, 179



255, 222, 241



165, 125, 220



128, 107, 119



0, 0, 0



128, 128, 128

Same Dimension

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



220, 125, 179



255, 122, 198



220, 125, 133



110, 99, 105



173, 0, 99



46, 0, 26

Inverse Universe

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



220, 125, 179



255, 122, 198



125, 175, 220



110, 99, 105



173, 0, 99



46, 0, 26

Previews

White Background



This preview shows how the RYB color 220, 125, 179 looks on a white background.

Color Contrast Check

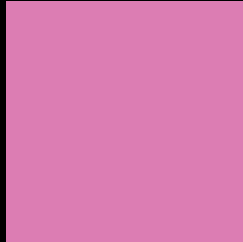
Large Text (above 18pt) WCAG AA × Fail

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 220, 125, 179 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 220, 125, 179 Background



This preview shows how black text looks on a background with the RYB color 220, 125, 179.

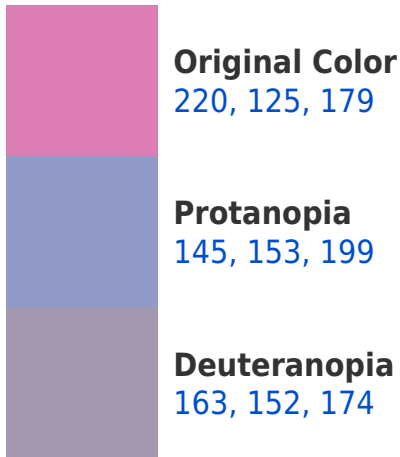



This preview shows how white text looks on a background with the RYB color 220, 125, 179.

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
216, 132, 142

Trichromacy



Original Color

220, 125, 179



Protanomaly

172, 144, 192



Deuteranomaly

184, 142, 176



Tritanomaly

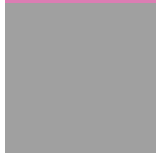
217, 129, 155

Monochromacy



Original Color

220, 125, 179



Achromatopsia

160, 160, 160



Achromatomaly

182, 147, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 125, 179 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(220, 125, 179) looks like.

```
.text, #text, p{  
    color:rgb(220, 125, 179)  
}
```

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(220, 125, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 125, 179) }
```

Border

The CSS property to change the border of an element to RYB 220, 125, 179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

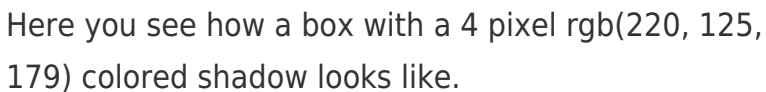
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 125, 179) }
```

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

```
.border{ border-color:rgb(220, 125, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 125, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 125, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 125, 179); box-shadow:4px 4px 4px 4px rgb(220, 125, 179) }
```

Background

The CSS property to change the background color of an element to RGB 220, 125, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 125, 179) }
```

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

```
.background{ background-color: rgb(220,  
125, 179) }
```

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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