

Converting Colors

`RYB(220, 112, 185)`

Have a look what the booklet for
RYB(220, 112, 185) contains.

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Color

$\text{RYB}(220, 112, 185)$

Conversions

Conversions Part 1

Format	Color
Hex	DC70B9
RGB	220, 112, 185
RGB Percent	86%, 44%, 73%
CMY	0.1373, 0.5608, 0.2745
CMYK	0.00, 0.49, 0.16, 0.14
HSL	319°, 61%, 65%
HSV	319°, 49%, 86%
XYZ	44.0663, 30.3068, 49.4262
YIQ	152.6140, 40.9350, 45.5990

Conversions

Conversions Part 2

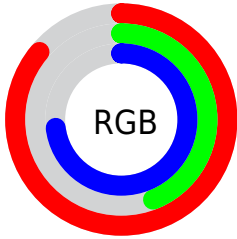
Format	Color
RYB	220, 112, 185
Decimal	14446777
CIELab	61.92, 51.13, -19.37
CIELCh	62, 54.675, 339.255
Yxy	30.3068, 0.3559, 0.2448
Android (android.graphics.Color)	4292636857 (0xFFDC70B9)
YUV	152.6140, 15.9663, 59.0975
Hunter-Lab	55.0516, 46.5410, -14.6954

Details

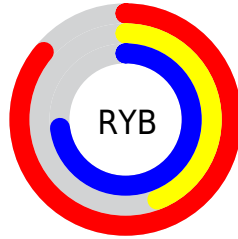
The RYB color **220, 112, 185** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **112, 194, 220**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 167, 241**, and **163, 58, 132** is the 20% darker color. If you saturate the color by 10%, you get **220, 90, 178**, and if you desaturate by 10%, it is **220, 134, 192**.

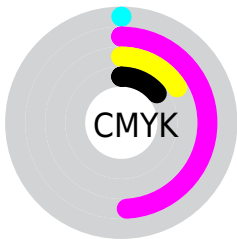
Distribution



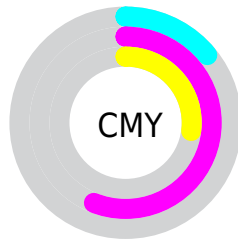
- Red (86%)
- Green (44%)
- Blue (73%)



- Red (86%)
- Yellow (44%)
- Blue (73%)



- Cyan (0%)
- Magenta (49%)
- Yellow (16%)
- Black (14%)





- Cyan (14%)
- Magenta (56%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 220, 112, 185 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, 112, 185 by changing the saturation by 10% instead.


 220, 112, 185

 220, 112, 185

255, 255, 255

 191, 85, 158

 255, 167, 241

 163, 58, 132


 255, 195, 255

 135, 29, 106

 255, 224, 255

 107, 0, 82

 255, 253, 255


 81, 0, 59

 57, 0, 37

 27, 0, 14

 0, 0, 0

 220, 112, 185

 220, 112, 185

■ 220, 90, 178

■ 220, 134, 192

■ 220, 68, 171

■ 220, 156, 199

■ 220, 46, 164

■ 220, 178, 206

■ 220, 24, 156

■ 220, 200, 214

■ 220, 2, 149

■ 220, 221, 222

■ 220, 0, 149

■ 220, 238, 244

■ 220, 245, 255

■ 220, 241, 255

■ 220, 239, 255

Harmonies

Analogous

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



172, 131, 225



220, 112, 185



239, 106, 136

Triad

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



220, 112, 185



57, 162, 46



0, 94, 210

Complementary

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



220, 112, 185



112, 194, 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, 173



220, 112, 185



70, 164, 124

Square

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



220, 112, 185



183, 203, 56



0, 103, 171



0, 97, 240

Rectangle

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



220, 112, 185



236, 111, 105



0, 103, 171



0, 92, 196

Sweetspot

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



220, 112, 185



255, 217, 243



146, 112, 220



128, 105, 120



0, 0, 0



128, 128, 128

Same Dimension

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



220, 112, 185



255, 105, 206



220, 112, 132



110, 99, 106



173, 0, 117



46, 0, 31

Inverse Universe

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



220, 112, 185



255, 105, 206



112, 172, 220



110, 99, 106



173, 0, 117



46, 0, 31

Previews

White Background



This preview shows how the RYB color 220, 112, 185 looks on a white background.

Color Contrast Check

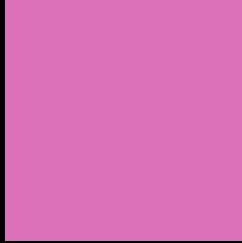
Large Text (above 18pt) WCAG AA × Fail

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, 112, 185 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, 112, 185 Background



This preview shows how black text looks on a background with the RYB color 220, 112, 185.

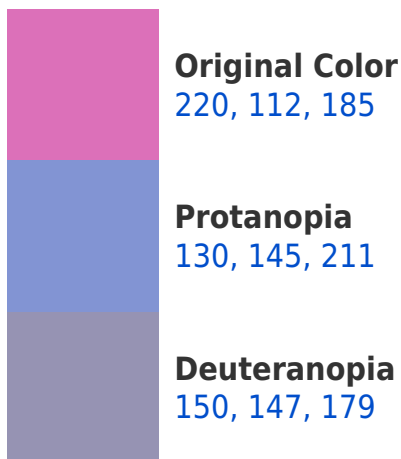


This preview shows how white text looks on a background with the RYB color 220, 112, 185.

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
214, 123, 132

Trichromacy



Original Color

220, 112, 185



Protanomaly

163, 135, 202



Deuteranomaly

175, 134, 181



Tritanomaly

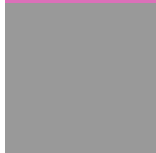
216, 119, 151

Monochromacy



Original Color

220, 112, 185



Achromatopsia

153, 153, 153



Achromatomaly

177, 138, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 112, 185 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, 112, 185)` looks like.

```
.text, #text, p{  
    color:rgb(220, 112, 185)  
}
```

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, 112, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 112, 185) }
```

Border

The CSS property to change the border of an element to RYB 220, 112, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

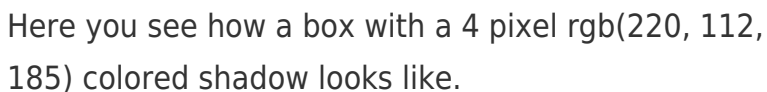
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 112, 185) }
```

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

```
.border{ border-color:rgb(220, 112, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 112, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 112, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 112, 185);  
box-shadow:4px 4px 4px 4px rgb(220, 112,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 220, 112, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 112, 185) }
```

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

```
.background{ background-color: rgb(220,  
112, 185) }
```

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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