

Converting Colors

`RYB(241, 128, 178)`

Have a look what the booklet for
RYB(241, 128, 178) contains.

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Color

R_YB(241, 128, 178)

Conversions

Conversions Part 1

Format	Color
Hex	F180B2
RGB	241, 128, 178
RGB Percent	95%, 50%, 70%
CMY	0.0549, 0.4980, 0.3020
CMYK	0.00, 0.47, 0.26, 0.05
HSL	333°, 80%, 72%
HSV	333°, 47%, 95%
XYZ	52.0307, 37.3535, 46.5871
YIQ	167.4870, 51.2980, 39.5060

Conversions

Conversions Part 2

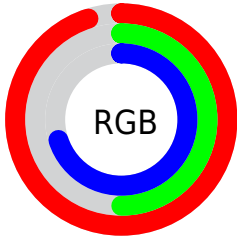
Format	Color
R_{YB}	241, 128, 178
Decimal	15827122
CIE _{Lab}	67.54, 48.93, -6.67
CIE _{LCh}	68, 49.380, 352.237
Yxy	37.3535, 0.3827, 0.2747
Android (android.graphics.Color)	4294017202 (0xFFFF180B2)
YUV	167.4870, 5.1829, 64.4709
Hunter-Lab	61.1175, 45.0054, -2.4119

Details

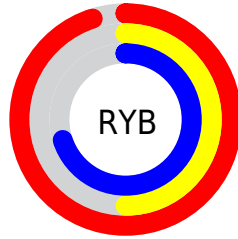
The RYB color **241, 128, 178** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **128, 201, 241**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 183, 234**, and **182, 74, 125** is the 20% darker color. If you saturate the color by 10%, you get **241, 104, 165**, and if you desaturate by 10%, it is **241, 152, 191**.

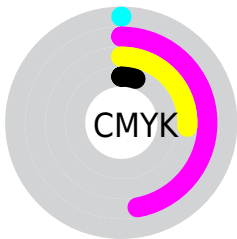
Distribution



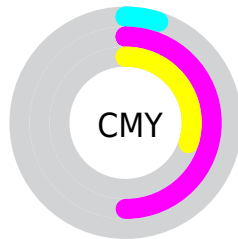
- Red (95%)
- Green (50%)
- Blue (70%)



- Red (95%)
- Yellow (50%)
- Blue (70%)



- Cyan (0%)
- Magenta (47%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 128, 178 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 241, 128, 178 by changing the saturation by 10% instead.

 241, 128, 178

 241, 128, 178

255, 255, 255

 211, 101, 151

 255, 183, 234

 182, 74, 125


 255, 212, 255

 154, 47, 100

 255, 241, 255

 126, 15, 77


 98, 0, 54

 71, 0, 33

 48, 0, 8

 0, 0, 0

 241, 128, 178

 241, 128, 178

■ 241, 104, 165

■ 241, 152, 191

■ 241, 80, 151

■ 241, 176, 205

■ 241, 56, 138

■ 241, 200, 218

■ 241, 32, 124

■ 241, 224, 232

■ 241, 8, 111

■ 241, 246, 249

■ 241, 0, 107

■ 241, 248, 255

Harmonies

Analogous

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



208, 140, 220



241, 128, 178



248, 129, 133

Triad

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



241, 128, 178



79, 172, 93



0, 103, 234

Complementary

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



241, 128, 178



128, 201, 241

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, 96, 197



241, 128, 178



105, 179, 182

Square

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



241, 128, 178



139, 201, 74



0, 103, 186



45, 124, 252

Rectangle

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



241, 128, 178



240, 146, 107



0, 103, 186



0, 101, 223

Sweetspot

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



241, 128, 178



255, 219, 235



190, 128, 241



128, 106, 115



0, 0, 0



128, 128, 128

Same Dimension

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



241, 128, 178



255, 112, 175



241, 134, 128



120, 108, 113



184, 0, 81



56, 0, 25

Inverse Universe

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



241, 128, 178



255, 112, 175



128, 183, 241



120, 108, 113



184, 0, 81



56, 0, 25

Previews

White Background



This preview shows how the RYB color 241, 128, 178 looks on a white background.

Color Contrast Check

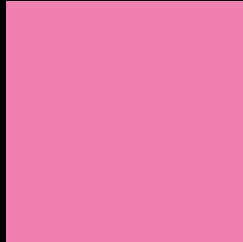
Large Text (above 18pt) WCAG AA × Fail

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 241, 128, 178 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 241, 128, 178 Background



This preview shows how black text looks on a background with the RYB color 241, 128, 178.



This preview shows how white text looks on a background with the RYB color 241, 128, 178.

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
241, 128, 178

Protanopia
157, 162, 201

Deuteranopia
177, 160, 173



Tritanopia
238, 134, 144

Trichromacy



Original Color

241, 128, 178



Protanomaly

188, 150, 193



Deuteranomaly

200, 148, 175



Tritanomaly

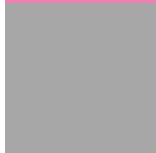
239, 132, 156

Monochromacy



Original Color

241, 128, 178



Achromatopsia

167, 167, 167



Achromatomaly

194, 153, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 128, 178 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(241, 128, 178)` looks like.

```
.text, #text, p{  
    color:rgb(241, 128, 178)  
}
```

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(241, 128, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 128, 178) }
```

Border

The CSS property to change the border of an element to RYB 241, 128, 178 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(241, 128, 178) }
```

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

```
.border{ border-color:rgb(241, 128, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 128, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 128, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 128, 178); box-shadow:4px 4px 4px 4px rgb(241, 128, 178) }
```

Background

The CSS property to change the background color of an element to RYB 241, 128, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 128, 178) }
```

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

```
.background{ background-color: rgb(241,  
128, 178) }
```

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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