

Converting Colors

`RYB(250, 77, 128)`

Have a look what the booklet for RYB(250, 77, 128) contains.

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Color

R_YB(250, 77, 128)

Conversions

Conversions Part 1

Format	Color
Hex	FA4D80
RGB	250, 77, 128
RGB Percent	98%, 30%, 50%
CMY	0.0196, 0.6980, 0.4980
CMYK	0.00, 0.69, 0.49, 0.02
HSL	342°, 95%, 64%
HSV	342°, 69%, 98%
XYZ	45.9745, 27.1903, 23.2472
YIQ	134.5410, 86.7370, 52.5370

Conversions

Conversions Part 2

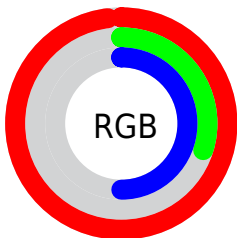
Format	Color
R _Y B	250, 77, 128
Decimal	16403840
CIE Lab	59.15, 68.57, 10.03
CIE LCh	59, 69.298, 8.324
Yxy	27.1903, 0.4769, 0.2820
Android (android.graphics.Color)	4294593920 (0xFFFA4D80)
YUV	134.5410, -3.2247, 101.2575
Hunter-Lab	52.1443, 66.1271, 10.0681

Details

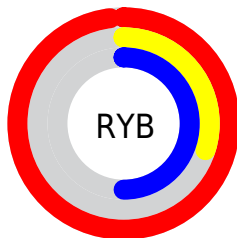
The RYB color **250, 77, 128** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **77, 178, 250**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 136, 181**, and **188, 0, 79** is the 20% darker color. If you saturate the color by 10%, you get **250, 52, 110**, and if you desaturate by 10%, it is **250, 102, 146**.

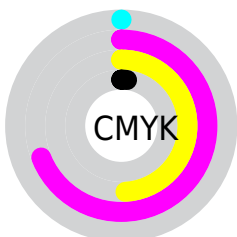
Distribution



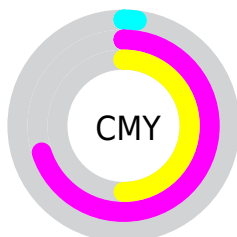
- Red (98%)
- Green (30%)
- Blue (50%)



- Red (98%)
- Yellow (30%)
- Blue (50%)



- Cyan (0%)
- Magenta (69%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 77, 128 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 250, 77, 128 by changing the saturation by 10% instead.

 250, 77, 128

 250, 77, 128

255, 255, 255

 219, 43, 103

 255, 136, 181

 188, 0, 79

 255, 166, 208

 157, 0, 57

 255, 195, 236

 127, 0, 36


 255, 224, 255


 97, 0, 14

 69, 0, 3

 36, 0, 1

 0, 0, 0

 250, 77, 128

 250, 77, 128

■ 250, 52, 110

■ 250, 102, 146

■ 250, 27, 93

■ 250, 127, 163

■ 250, 2, 75

■ 250, 152, 181

■ 250, 0, 74

■ 250, 177, 199

■ 250, 202, 216

■ 250, 227, 234

■ 250, 251, 252

■ 250, 253, 255

Harmonies

Analogous

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



227, 89, 189



250, 77, 128



240, 99, 70

Triad

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



250, 77, 128



33, 159, 103



0, 99, 255

Complementary

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



250, 77, 128



77, 178, 250

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, 95, 217



250, 77, 128



0, 106, 167

Square

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



250, 77, 128



11, 155, 0



0, 88, 170



0, 92, 255

Rectangle

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



250, 77, 128



219, 176, 33



0, 88, 170



0, 98, 246

Sweetspot

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



250, 77, 128



255, 201, 217



198, 77, 250



128, 96, 105



0, 0, 0



128, 128, 128

Same Dimension

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



250, 77, 128



255, 43, 106



250, 121, 77



125, 112, 116



189, 0, 56



61, 0, 18

Inverse Universe

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



250, 77, 128



255, 43, 106



77, 154, 250



125, 112, 116



189, 0, 56



61, 0, 18

Previews

White Background



This preview shows how the RYB color 250, 77, 128 looks on a white background.

Color Contrast Check

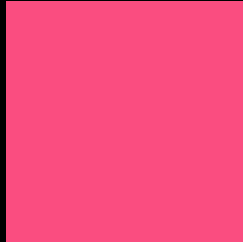
Large Text (above 18pt) WCAG AA ✓ Pass

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 250, 77, 128 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 250, 77, 128 Background



This preview shows how black text looks on a background with the RGB color 250, 77, 128.



This preview shows how white text looks on a background with the RGB color 250, 77, 128.

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
250, 77, 128

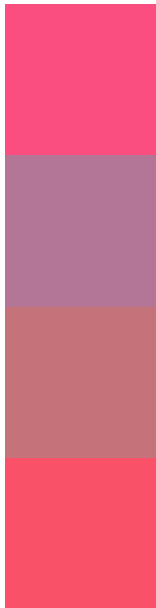
Protanopia
139, 142, 163

Deuteranopia
165, 147, 120



Tritanopia
248, 85, 90

Trichromacy



Original Color
250, 77, 128

Protanomaly
179, 118, 150

Deuteranomaly
196, 115, 123

Tritanomaly
249, 82, 104

Monochromacy



Original Color
250, 77, 128

Achromatopsia
135, 135, 135

Achromatomaly
177, 114, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 77, 128 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(250, 77, 128) looks like.

```
.text, #text, p{  
    color:rgb(250, 77, 128)  
}
```

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(250, 77, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 77, 128) }
```

Border

The CSS property to change the border of an element to RYB 250, 77, 128 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(250, 77, 128) }
```

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

```
.border{ border-color:rgb(250, 77, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 77, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 77, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 77, 128);  
box-shadow:4px 4px 4px 4px rgb(250, 77,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 250, 77, 128 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 77, 128) }
```

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

```
.background{ background-color: rgb(250, 77,  
128) }
```

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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