

Converting Colors

`RYB(250, 62, 112)`

Have a look what the booklet for
RYB(250, 62, 112) contains.

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Color

`RYB(250, 62, 112)`

Conversions

Conversions Part 1

Format	Color
Hex	FA3E70
RGB	250, 62, 112
RGB Percent	98%, 24%, 44%
CMY	0.0196, 0.7569, 0.5608
CMYK	0.00, 0.75, 0.55, 0.02
HSL	344°, 95%, 61%
HSV	344°, 75%, 98%
XYZ	44.0716, 24.9391, 17.8201
YIQ	123.9120, 95.9980, 55.4060

Conversions

Conversions Part 2

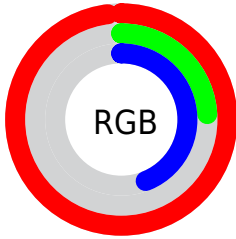
Format	Color
R_{YB}	250, 62, 112
Decimal	16399984
CIE _{Lab}	57.02, 72.27, 16.49
CIE _{LCh}	57, 74.132, 12.853
Yxy	24.9391, 0.5076, 0.2872
Android (android.graphics.Color)	4294590064 (0xFFFA3E70)
YUV	123.9120, -5.8726, 110.5792
Hunter-Lab	49.9391, 70.1342, 13.8004

Details

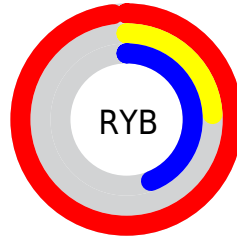
The RYB color **250, 62, 112** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **62, 170, 250**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **255, 124, 163**, and **187, 0, 65** is the 20% darker color. If you saturate the color by 10%, you get **250, 37, 94**, and if you desaturate by 10%, it is **250, 87, 130**.

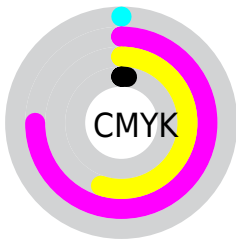
Distribution



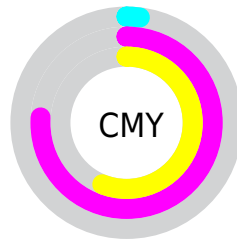
- Red (98%)
- Green (24%)
- Blue (44%)



- Red (98%)
- Yellow (24%)
- Blue (44%)



- Cyan (0%)
- Magenta (75%)
- Yellow (55%)
- Black (2%)



- Cyan (2%)
- Magenta (76%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 62, 112 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, 62, 112 by changing the saturation by 10% instead.



250, 62, 112



250, 62, 112

255, 255, 255



218, 17, 88



255, 124, 163



187, 0, 65



255, 154, 190



156, 0, 43



255, 184, 218



125, 0, 24



255, 213, 247



94, 0, 2



255, 243, 255



65, 0, 3



30, 0, 1



0, 0, 0




250, 62, 112




250, 62, 112


 250, 37, 94


 250, 87, 130


 250, 12, 75

 250, 112, 149

 250, 0, 66

 250, 137, 167

 250, 162, 185

 250, 187, 204

 250, 212, 222

 250, 237, 240

 250, 253, 255

Harmonies

Analogous

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



232, 71, 177



250, 62, 112



234, 99, 50

Triad

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



250, 62, 112



25, 156, 120



0, 96, 255

Complementary

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



250, 62, 112



62, 170, 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, 94, 224



250, 62, 112



0, 103, 163

Square

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



250, 62, 112



0, 143, 4



0, 84, 166



0, 88, 255

Rectangle

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



250, 62, 112



191, 210, 0



0, 84, 166



0, 97, 252

Sweetspot

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



250, 62, 112



255, 196, 212



200, 62, 250



128, 92, 101



0, 0, 0



128, 128, 128

Same Dimension

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



250, 62, 112



255, 25, 87



250, 119, 62



125, 112, 116



189, 0, 50



61, 0, 16

Inverse Universe

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



250, 62, 112



255, 25, 87



62, 144, 250



125, 112, 116



189, 0, 50



61, 0, 16

Previews

White Background



This preview shows how the RYB color 250, 62, 112 looks on a white background.

Color Contrast Check

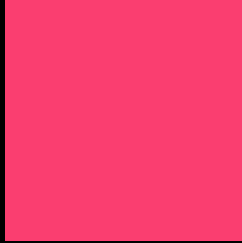
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62, 112 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, 62, 112 Background



This preview shows how black text looks on a background with the RGB color 250, 62, 112.



This preview shows how white text looks on a background with the RGB color 250, 62, 112.

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](#).

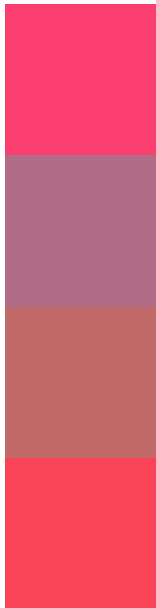
Dichromacy





Tritanopia
248, 71, 74

Trichromacy



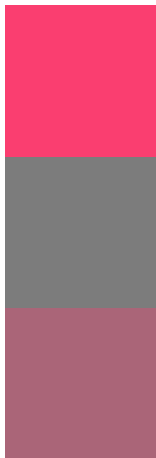
Original Color
250, 62, 112

Protanomaly
177, 109, 136

Deuteranomaly
194, 106, 106

Tritanomaly
249, 68, 88

Monochromacy



Original Color
250, 62, 112

Achromatopsia
124, 124, 124

Achromatomaly
170, 101, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 62, 112 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, 62, 112)` looks like.

```
.text, #text, p{  
    color:rgb(250, 62, 112)  
}
```

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, 62, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 62, 112) }
```

Border

The CSS property to change the border of an element to RYB 250, 62, 112 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, 62, 112) }
```

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

```
.border{ border-color:rgb(250, 62, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 62, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 62, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 62, 112);  
box-shadow:4px 4px 4px 4px rgb(250, 62,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 250, 62, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 62, 112) }
```

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

```
.background{ background-color: rgb(250, 62,  
112) }
```

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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