Converting Colors

RGB(240, 162, 182)

Have a look what the booklet for RGB(240, 162, 182) contains.

Color

RGB(240, 162, 182)

Conversions

Conversions Part 1

Format	Color
Hex	F0A2B6
RGB	240, 162, 182
RGB Percent	94%, 64%, 71%
CMY	0.0588, 0.3647, 0.2863
CMYK	0.00, 0.33, 0.24, 0.06
HSL	345°, 72%, 79%
HSV	345°, 32%, 94%
XYZ	57.2990, 47.7433, 50.4514
YIQ	187.6020, 40.0680, 22.7560

Conversions

Conversions Part 2

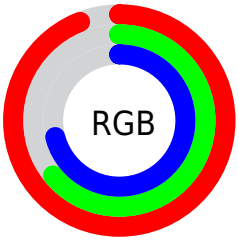
Format	Color
RYB	240, 162, 182
Decimal	15770294
CIELab	74.66, 31.60, 1.55
CIELCh	75, 31.633, 2.812
Yxy	47.7433, 0.3685, 0.3070
Android (android.graphics.Color)	4293960374 (0xFFF0A2B6)
YUV	187.6020, -2.7618, 45.9530
Hunter-Lab	69.0965, 27.1040, 5.0765

Details

The RGB color 240, 162, 182 is a light color, and the websafe version is hex CC9999. A complement of this color would be 162, 240, 220, and the grayscale version is 188, 188, 188.

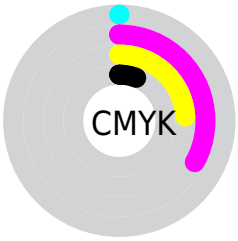
A 20% lighter version of the original color is 255, 218, 238, and 182, 109, 129 is the 20% darker color. If you saturate the color by 10%, you get 240, 138, 164, and if you desaturate by 10%, it is 240, 186, 200.

Distribution

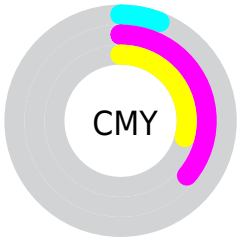


- Red (94%)
- Green (64%)
- Blue (71%)

- Red (94%)
- Yellow (64%)
- Blue (71%)



- Cyan (0%)
- Magenta (33%)
- Yellow (24%)
- Black (6%)



- Cyan (6%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 162, 182 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 RGB color 240, 162, 182 by changing the saturation by 10% instead.

240, 162, 182

255, 255, 255

255, 218, 238

255, 246, 255

240, 162, 182

211, 135, 155

182, 109, 129

155, 84, 104

127, 60, 80

101, 36, 57

75, 10, 36

51, 0, 14

20, 0, 0

0, 0, 0

240, 162, 182

240, 138, 164

240, 114, 146

240, 90, 128

240, 66, 111

240, 42, 93

240, 18, 75

240, 0, 62

240, 162, 182

240, 186, 200

240, 210, 218

240, 234, 236

240, 255, 253

240, 255, 255

Harmonies

Analogous

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

223, 166, 211

240, 162, 182

240, 165, 154

Triad

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

240, 162, 182

170, 191, 134

109, 194, 235

Complementary

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

240, 162, 182

162, 240, 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.

90, 199, 214

240, 162, 182

136, 197, 156

Square

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

240, 162, 182

202, 183, 125

105, 200, 186

150, 186, 241

Rectangle

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

240, 162, 182

232, 170, 138

105, 200, 186

99, 196, 229

Sweetspot

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

240, 162, 182

255, 230, 236

219, 162, 240

128, 112, 116

0, 0, 0

128, 128, 128

Same Dimension

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

240, 162, 182

255, 156, 181

240, 180, 162

120, 108, 111

184, 0, 47

56, 0, 14

Inverse Universe

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

240, 162, 182

255, 156, 181

162, 222, 240

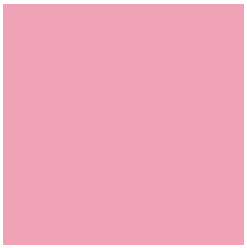
120, 108, 111

184, 0, 47

56, 0, 14

Previews

White Background

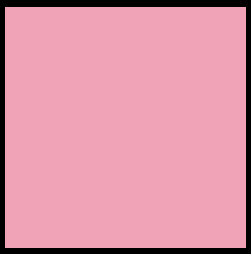


This preview shows how the RGB color 240, 162, 182 looks on a white background.

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 RGB color 240, 162, 182 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.

RGB 240, 162, 182 Background

This preview shows how black text looks on a background with the RGB color 240, 162, 182.

This preview shows how white text looks on a background with the RGB color 240, 162, 182.

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

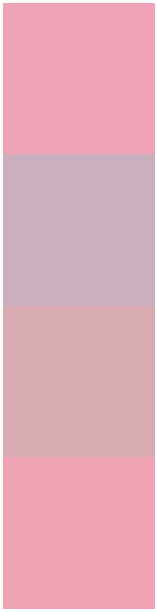
Original Color
240, 162, 182

Protanopia
184, 183, 194

Deuteranopia
204, 178, 179

Tritanopia
239, 163, 175

Trichromacy



Original Color
240, 162, 182

Protanomaly
204, 175, 190

Deuteranomaly
217, 172, 180

Tritanomaly
239, 163, 178

Monochromacy

Original Color
240, 162, 182

Achromatopsia
188, 188, 188

Achromatomaly
207, 179, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 162, 182 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(240, 162, 182) looks like.

```
.text, #text, p{
    color:rgb(240, 162, 182)
}
```

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(240, 162, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 162, 182) }
```

Border

The CSS property to change the border of an element to RGB 240, 162, 182 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(240, 162, 182) }
```

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

```
.border{ border-color:rgb(240, 162, 182) }
```

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

Here you see how a box with a 4 pixel rgb(240, 162, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 162, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 162, 182); box-shadow:4px 4px 4px 4px rgb(240, 162, 182) }
```

Background

The CSS property to change the background color of an element to RGB 240, 162, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 162, 182) }
```

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

```
.background{ background-color:rgb(240,
162, 182) }
```

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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