

Converting Colors

RGB(242, 121, 121)

Have a look what the booklet for
RGB(242, 121, 121) contains.

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Color

RGB(242, 121, 121)

Conversions

Conversions Part 1

Format	Color
Hex	F27979
RGB	242, 121, 121
RGB Percent	95%, 47%, 47%
CMY	0.0510, 0.5255, 0.5255
CMYK	0.00, 0.50, 0.50, 0.05
HSL	0°, 82%, 71%
HSV	0°, 50%, 95%
XYZ	46.9065, 33.9325, 22.1665
YIQ	157.1790, 72.1160, 25.6520

Conversions

Conversions Part 2

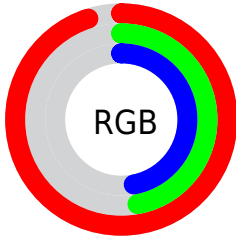
Format	Color
R _Y B	242, 121, 121
Decimal	15890809
CIE Lab	64.91, 46.38, 21.84
CIE LCh	65, 51.266, 25.219
Yxy	33.9325, 0.4554, 0.3294
Android (android.graphics.Color)	4294080889 (0xFFFF27979)
YUV	157.1790, -17.8362, 74.3880
Hunter-Lab	58.2516, 41.7951, 18.2144

Details

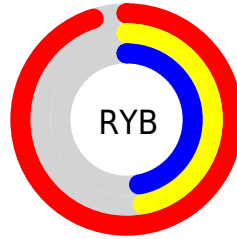
The RGB color **242, 121, 121** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **121, 242, 242**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 176, 173**, and **181, 68, 73** is the 20% darker color. If you saturate the color by 10%, you get **242, 97, 97**, and if you desaturate by 10%, it is **242, 145, 145**.

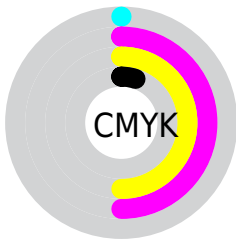
Distribution



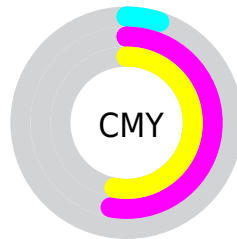
- Red (95%)
- Green (47%)
- Blue (47%)



- Red (95%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (5%)





- Cyan (5%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 121, 121 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 242, 121, 121 by changing the saturation by 10% instead.


 242, 121, 121

 242, 121, 121

255, 255, 255

 212, 94, 96

 255, 176, 173

 181, 68, 73

 255, 204, 201

 152, 41, 50

 255, 233, 229


 123, 5, 29


 94, 0, 5

 66, 0, 0


 38, 0, 1

 0, 0, 0


 242, 121, 121

 242, 121, 121


 242, 97, 97

 242, 145, 145

 242, 73, 73

 242, 169, 169

 242, 48, 48

 242, 194, 194

 242, 24, 24

 242, 218, 218

 242, 0, 0

 242, 242, 242

 242, 255, 255

Harmonies

Analogous

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



238, 118, 167



242, 121, 121



224, 135, 83

Triad

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



242, 121, 121



88, 176, 103



34, 165, 249

Complementary

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



242, 121, 121



121, 242, 242

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, 175, 232



242, 121, 121



0, 180, 148

Square

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



242, 121, 121



145, 166, 70



0, 180, 195



148, 148, 241

Rectangle

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



242, 121, 121



203, 147, 67



0, 180, 195



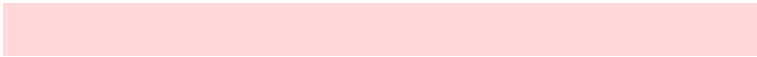
0, 169, 246

Sweetspot

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



242, 121, 121



255, 217, 217



242, 121, 242



128, 105, 105



0, 0, 0



128, 128, 128

Same Dimension

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



242, 121, 121



255, 102, 102



242, 181, 121



120, 108, 108



184, 0, 0



56, 0, 0

Inverse Universe

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



121, 242, 242



102, 255, 255



121, 181, 242



108, 120, 120



0, 184, 184



0, 56, 56

Previews

White Background



This preview shows how the RGB color 242, 121, 121 looks on a white background.

Color Contrast Check

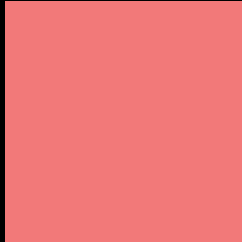
Large Text (above 18pt) WCAG AA × Fail

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 242, 121, 121 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 242, 121, 121 Background



This preview shows how black text looks on a background with the RGB color 242, 121, 121.

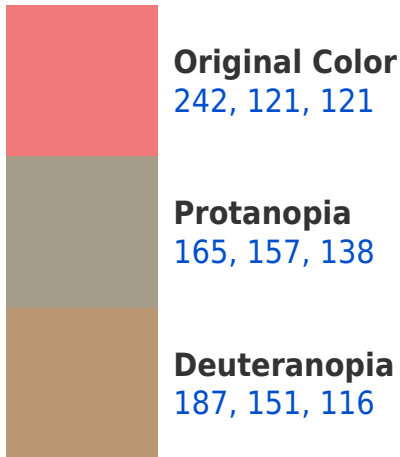


This preview shows how white text looks on a background with the RGB color 242, 121, 121.

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
243, 120, 128

Trichromacy



Original Color

242, 121, 121



Protanomaly

193, 144, 132



Deuteranomaly

207, 140, 118



Tritanomaly

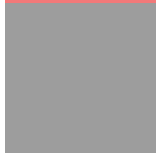
243, 120, 125

Monochromacy



Original Color

242, 121, 121



Achromatopsia

157, 157, 157



Achromatomaly

188, 144, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 121, 121 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(242, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(242, 121, 121)  
}
```

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(242, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 121, 121) }
```

Border

The CSS property to change the border of an element to RGB 242, 121, 121 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(242, 121, 121) }
```

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

```
.border{ border-color:rgb(242, 121, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 121, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 121, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 121, 121);  
box-shadow:4px 4px 4px 4px rgb(242, 121,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 242, 121, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 121, 121) }
```

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

```
.background{ background-color: rgb(242,  
121, 121) }
```

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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