

# Converting Colors

Android(4294012020)

Have a look what the booklet for  
Android(4294012020) contains.

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# **Color**

**Android(4294012020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F16C74
RGB	241, 108, 116
RGB Percent	95%, 42%, 45%
CMY	0.0549, 0.5765, 0.5451
CMYK	0.00, 0.55, 0.52, 0.05
HSL	356°, 83%, 68%
HSV	356°, 55%, 95%
XYZ	44.7906, 30.6869, 20.0854
YIQ	148.6790, 76.7000, 30.6840

# Conversions

## Conversions Part 2

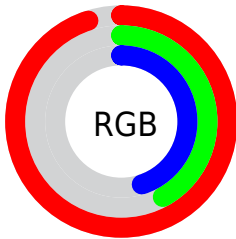
Format	Color
R <sub>Y</sub> B	241, 108, 116
Decimal	15821940
CIE Lab	62.24, 51.84, 21.05
CIE LCh	62, 55.951, 22.099
Yxy	30.6869, 0.4687, 0.3211
Android (android.graphics.Color)	4294012020 (0xFFFF16C74)
YUV	148.6790, -16.1107, 80.9655
Hunter-Lab	55.3957, 47.3849, 17.2796

# Details

The Android color **4294012020** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **4285329897**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4294943656**, and **4290000196** is the 20% darker color. If you saturate the color by 10%, you get **4294005853**, and if you desaturate by 10%, it is **4294018187**.

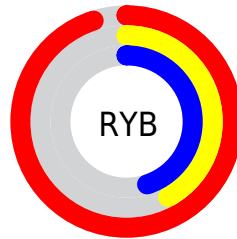
# Distribution



Red (95%)

Green (42%)

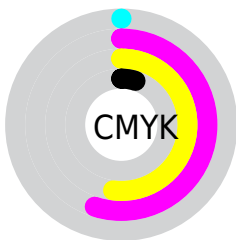
Blue (45%)



Red (95%)

Yellow (42%)

Blue (45%)

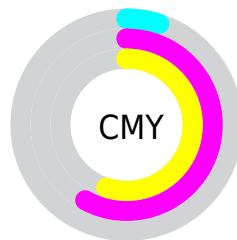


Cyan (0%)

Magenta (55%)

Yellow (52%)

Black (5%)



Cyan (5%)

Magenta (58%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color #4294012020 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 Android color #4294012020 by changing the saturation by 10% instead.



 4294012020

 4294012020

4294967295

 4291973467

 4294943656

 4290000196

 4294950851

 4288025646

 4294958303

 4286054425

 4294965756

 4284219392

 4282384385

 4280287233

 4278190080

 4294012020

 4294012020

■ 4294005853

■ 4294018187

■ 4293999687

■ 4294024353

■ 4293993520

■ 4294030520

■ 4293987353

■ 4294036687

■ 4293984270

■ 4294042853

■ 4294049276

■ 4294049791

# Harmonies

## Analogous

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



4293553062



4294012020



4292901961

# Triad

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



4294012020



4283476311



4278231289

# Complementary

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



4294012020



4285329897

# 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.



4278233828



4294012020



4278234759

# Square

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



4294012020



4287471411



4278234810



4286681075

# Rectangle

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



4294012020



4291463476



4278234810



4278232309



# Sweetspot

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



4294012020



4294956246



4293422321



4286604904



4278190080



4286611584



# Same Dimension

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



4294012020



4294924129



4294026860



4286082157



4290248715



4281860099



# Inverse Universe

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



4294012020



4294924129



4285315057



4286082157



4290248715



4281860099



# Previews

## White Background



This preview shows how the Android color 4294012020 looks on a white background.

## Color Contrast Check

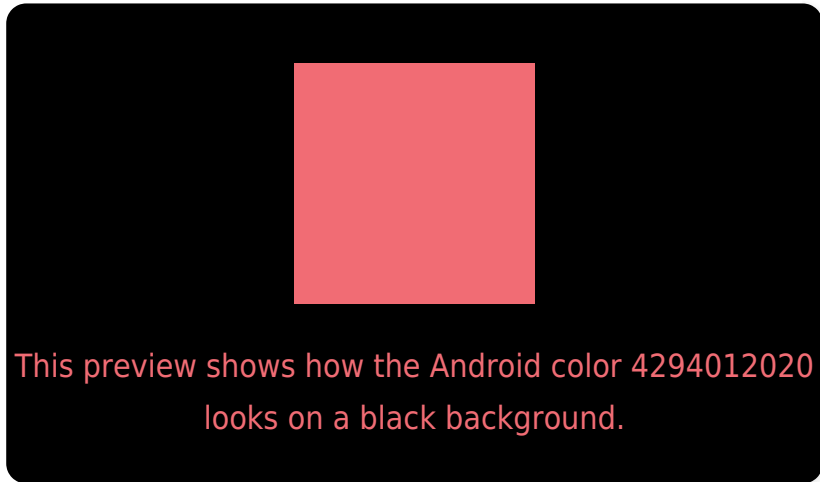
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



# Android 4294012020 Background



This preview shows how black text looks on a background with the Android color 4294012020.



This preview shows how white text looks on a background with the Android color 4294012020.

# 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





# Trichromacy



**Original Color**  
4294012020

**Protanomaly**  
4290545537

**Deuteranomaly**  
4291462256

**Tritanomaly**  
4294012019

# Monochromacy



**Original Color**  
4294012020

**Achromatopsia**  
4287993237

**Achromatomaly**  
4290152073

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294012020 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, 108, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 108, 116)  
}
```

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, 108, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 108, 116) }
```

## Border

The CSS property to change the border of an element to Android 4294012020 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, 108, 116) }
```

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

```
.border{ border-color:rgb(241, 108, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 108, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 108, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 108, 116); box-shadow:4px 4px 4px 4px rgb(241, 108, 116) }
```

# Background

The CSS property to change the background color of an element to Android 4294012020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 108, 116) }
```

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

```
.background{ background-color: rgb(241,  
108, 116) }
```

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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