

# Converting Colors

Android(4294056257)

Have a look what the booklet for  
Android(4294056257) contains.

<b>Android(4294056257)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4294056257)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F21941
RGB	242, 25, 65
RGB Percent	95%, 10%, 25%
CMY	0.0510, 0.9020, 0.7451
CMYK	0.00, 0.90, 0.73, 0.05
HSL	349°, 89%, 52%
HSV	349°, 90%, 95%
XYZ	37.9197, 19.9542, 6.8540
YIQ	94.4430, 116.4920, 58.4440

# Conversions

## Conversions Part 2

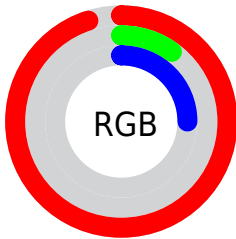
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 25, 65
Decimal	15866177
CIE <sub>Lab</sub>	51.79, 75.90, 37.31
CIE <sub>LCh</sub>	52, 84.580, 26.177
Yxy	19.9542, 0.5858, 0.3083
Android (android.graphics.Color)	4294056257 (0xFFFF21941)
YUV	94.4430, -14.5154, 129.4075
Hunter-Lab	44.6701, 73.3531, 22.1719

# Details

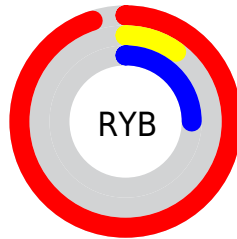
The Android color **4294056257** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **4279890634**, and the grayscale version is **4284440415**.

A 20% lighter version of the original color is **4294927729**, and **4289789975** is the 20% darker color. If you saturate the color by 10%, you get **4294050093**, and if you desaturate by 10%, it is **4294062421**.

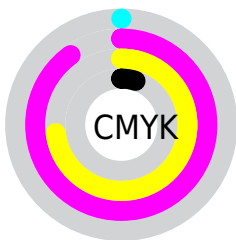
# Distribution



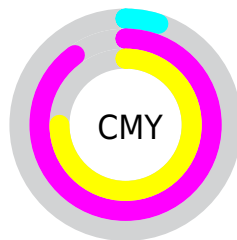
- Red (95%)
- Green (10%)
- Blue (25%)



- Red (95%)
- Yellow (10%)
- Blue (25%)



- Cyan (0%)
- Magenta (90%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (90%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294056257 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 4294056257 by changing the saturation by 10% instead.





4294056257



4294056257

4294967295



4291887147



4294927729



4289789975



4294935690



4287692800



4294943397



4285530113



4294951104



4283564036



4294958812



4281466882



4294966520



4278190080



4294056257



4294056257



4294050093



4294062421

■ 4294049837

■ 4294068584

■ 4294075004

■ 4294081168

■ 4294087332

■ 4294093495

■ 4294099659

■ 4294106079

■ 4294112243

# Harmonies

## Analogous

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



4294049928



4294056257



4292039424

# Triad

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



4294056257



4278227998



4278225151

# Complementary

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



4294056257



4279890634

# 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.



4278228724



4294056257



4278229104

# Square

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



4294056257



4283992576



4278229434



4283723007

# Rectangle

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



4294056257



4289817600



4278229434



4278226687



# Sweetspot

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



4294056257



4294949575



4291238386



4286601054



4278190080



4286611584



# Same Dimension

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



4294056257



4294901807



4294072857



4286082158



4290248738



4281860106



# Inverse Universe

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



4294056257



4294901807



4279874034



4286082158



4290248738



4281860106



# Previews

## White Background



This preview shows how the Android color 4294056257 looks on a white background.

## Color Contrast Check

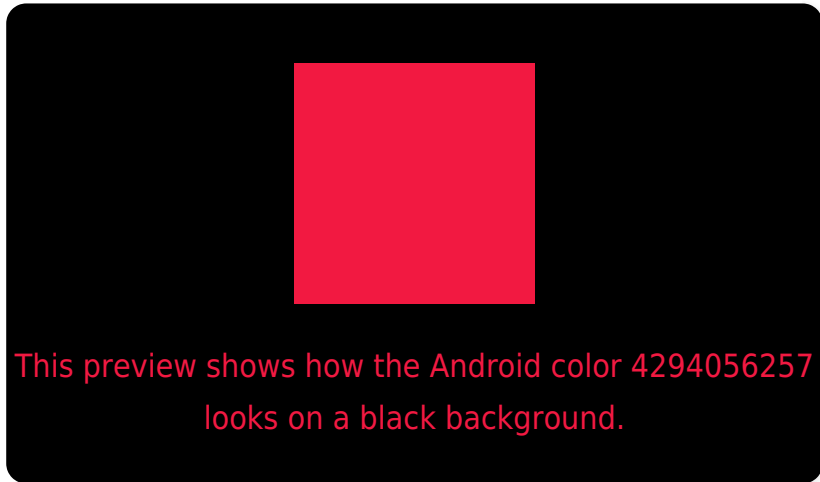
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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](#).



# Android 4294056257 Background



This preview shows how black text looks on a background with the Android color 4294056257.



This preview shows how white text looks on a background with the Android color 4294056257.

# 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**  
4294056257

**Protanopia**  
4286938208

**Deuteranopia**  
4288312884



# Trichromacy



**Original Color**  
4294056257

**Protanomaly**  
4289550421

**Deuteranomaly**  
4290401337

**Tritanomaly**  
4293992235

# Monochromacy



**Original Color**  
4294056257

**Achromatopsia**  
4284374622

**Achromatomaly**  
4287907155

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294056257 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, 25, 65)` looks like.

```
.text, #text, p{  
    color:rgb(242, 25, 65)  
}
```

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, 25, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 25, 65) }
```

## Border

The CSS property to change the border of an element to Android 4294056257 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, 25, 65) }
```

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

```
.border{ border-color:rgb(242, 25, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 25, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 25, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 25, 65);  
box-shadow:4px 4px 4px 4px rgb(242, 25,  
65) }
```

# Background

The CSS property to change the background color of an element to Android 4294056257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 25, 65) }
```

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

```
.background{ background-color: rgb(242, 25,  
65) }
```

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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