

# Converting Colors

Android(4294162176)

Have a look what the booklet for  
Android(4294162176) contains.

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# **Color**

**Android(4294162176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3B700
RGB	243, 183, 0
RGB Percent	95%, 72%, 0%
CMY	0.0471, 0.2824, 1.0000
CMYK	0.00, 0.25, 1.00, 0.05
HSL	45°, 100%, 48%
HSV	45°, 100%, 95%
XYZ	53.8956, 52.9217, 7.3743
YIQ	180.0780, 94.5030, -44.1930

# Conversions

## Conversions Part 2

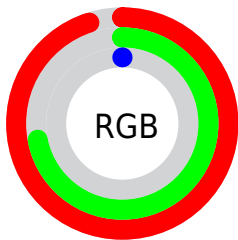
Format	Color
R <sub>Y</sub> B	80, 243, 0
Decimal	15972096
CIE Lab	77.83, 9.41, 80.25
CIE LCh	78, 80.800, 83.309
Yxy	52.9217, 0.4720, 0.4634
Android (android.graphics.Color)	4294162176 (0xFF3B700)
YUV	180.0780, -88.7785, 55.1826
Hunter-Lab	72.7473, 4.9360, 44.9129

# Details

The Android color **4294162176** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **4278205683**, and the grayscale version is **4290098613**.

A 20% lighter version of the original color is **4294963026**, and **4290085376** is the 20% darker color. If you saturate the color by 10%, you get **4294162176**, and if you desaturate by 10%, it is **4294163736**.

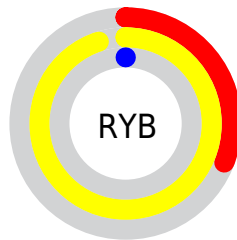
# Distribution



Red (95%)

Green (72%)

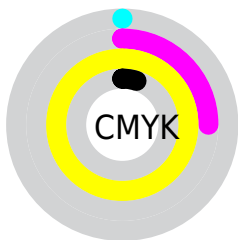
Blue (0%)



Red (31%)

Yellow (95%)

Blue (0%)

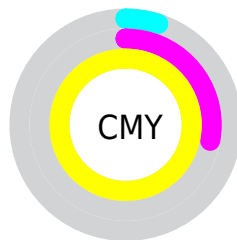


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (28%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294162176 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 4294162176 by changing the saturation by 10% instead.





4294162176



4294162176

4294967295



4292123648



4294963026



4290085376



4294967151



4288113152



4294967180



4286206464



4294967209



4284300032



4294967238



4282525184



4294967267



4280816128



4278190080



4294162176

 4294163736

 4294165297

 4294166857

 4294168417

 4294169977

 4294171538

 4294173098

 4294174658

 4294176219

# Harmonies

## Analogous

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



4294940743



4294162176



4289515034

# Triad

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



4294162176



4278248442



4294939135

# Complementary

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



4294162176



4278205683

# 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.



4288591103



4294162176



4278246911

# Square

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



4294162176



4278248109



4278243071



4294932181

# Rectangle

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



4294162176



4285519945



4278243071



4293828095



# Sweetspot

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



4294162176



4294962355



4294115389



4286608466



4278190080



4286611584



# Same Dimension

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



4294162176



4294950912



4290179840



4286216046



4290415616



4282067968



# Inverse Universe

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



4278205683



4278206463



4282188019



4285428090



4278202042



4278193723



# Previews

## White Background



This preview shows how the Android color 4294162176 looks on a white background.

## Color Contrast Check

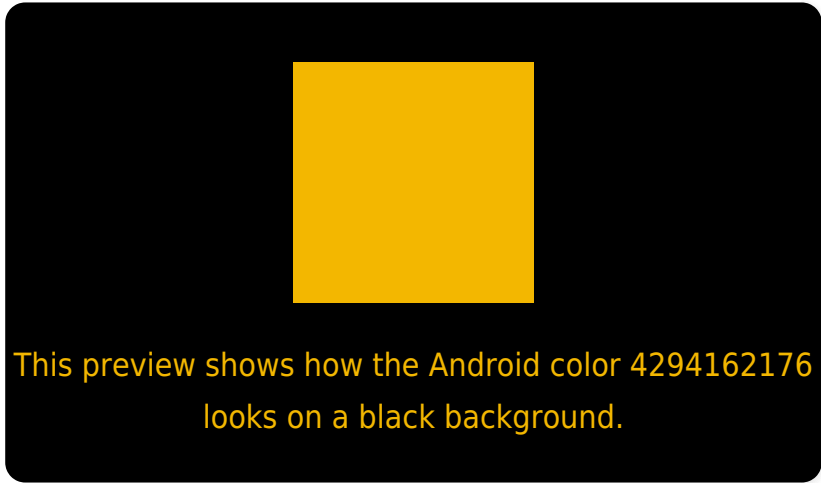
Large Text (above 18pt) WCAG AA × Fail

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 4294162176 Background



This preview shows how black text looks on a background with the Android color 4294162176.



This preview shows how white text looks on a background with the Android color 4294162176.

# 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**  
4294162176

**Protanopia**  
4292460813

**Deuteranopia**  
4294227717



**Tritanopia**  
4294748855

# Trichromacy



**Original Color**  
4294162176

**Protanomaly**  
4293049608

**Deuteranomaly**  
4294227715

**Tritanomaly**  
4294553460

# Monochromacy



**Original Color**  
4294162176

**Achromatopsia**  
4290032820

**Achromatomaly**  
4291540339

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294162176 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(243, 183, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 183, 0)  
}
```

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(243, 183, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 183, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294162176 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(243, 183, 0) }
```

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

```
.border{ border-color:rgb(243, 183, 0) }
```

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

Here you see how a box with a 4 pixel rgb(243, 183, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 183, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 183, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 183,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4294162176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 183, 0) }
```

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

```
.background{ background-color: rgb(243,  
183, 0) }
```

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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