

# Converting Colors

Android(4294093056)

Have a look what the booklet for  
Android(4294093056) contains.

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# **Color**

**Android(4294093056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2A900
RGB	242, 169, 0
RGB Percent	95%, 66%, 0%
CMY	0.0510, 0.3373, 1.0000
CMYK	0.00, 0.30, 1.00, 0.05
HSL	42°, 100%, 47%
HSV	42°, 100%, 95%
XYZ	50.8059, 47.2532, 6.4430
YIQ	171.5610, 97.7570, -37.0830

# Conversions

## Conversions Part 2

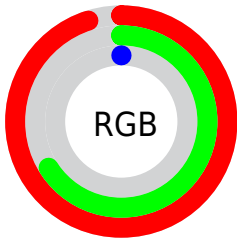
Format	Color
<a href="#">RYB</a>	<a href="#">105, 242, 0</a>
Decimal	<a href="#">15902976</a>
CIELab	<a href="#">74.35, 16.34, 77.84</a>
CIElCh	<a href="#">74, 79.538, 78.146</a>
Yxy	<a href="#">47.2532, 0.4862, 0.4522</a>
Android (android.graphics.Color)	<a href="#">4294093056</a> ( <a href="#">0xFFFF2A900</a> )
YUV	<a href="#">171.5610, -84.5796, 61.7750</a>
Hunter-Lab	<a href="#">68.7409, 11.6313, 42.5615</a>

# Details

The Android color **4294093056** is a dark color, and the websafe version is hex **CC9900**, and the color name is **bitcoin orange**. The color can be described as middle saturated orange. A complement of this color would be **4278209010**, and the grayscale version is **4289506476**.

A 20% lighter version of the original color is **4294959184**, and **4290016512** is the 20% darker color. If you saturate the color by 10%, you get **4294093056**, and if you desaturate by 10%, it is **4294094872**.

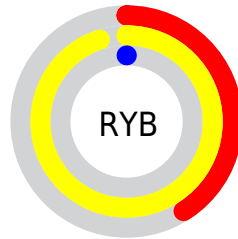
# Distribution



Red (95%)

Green (66%)

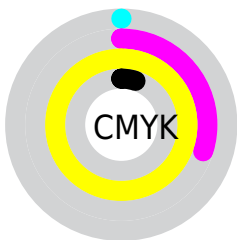
Blue (0%)



Red (41%)

Yellow (95%)

Blue (0%)

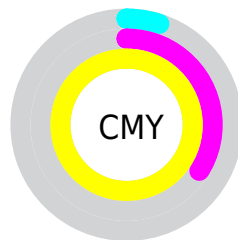


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (34%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294093056 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 4294093056 by changing the saturation by 10% instead.





4294093056



4294093056

4294967295



4292054784



4294959184



4290016512



4294966636



4288044288



4294967177



4286072064



4294967205



4284165888



4294967234



4282391040



4294967263



4280746496

4294967293



4278190080



4294093056

 4294094872

 4294096944

 4294098761

 4294100577

 4294102393

 4294104465

 4294106281

 4294108098

 4294110170

# Harmonies

## Analogous

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



4294937163



4294093056



4289773824

# Triad

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



4294093056



4278245858



4294020863

# Complementary

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



4294093056



4278209010

# 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.



4286034175



4294093056



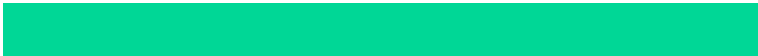
4278244863

# Square

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



4294093056



4278245270



4278241535



4294930647

# Rectangle

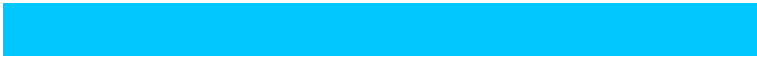
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294093056



4286172214



4278241535



4291992319



# Sweetspot

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



4294093056



4294961331



4294049869



4286607954



4278190080



4286611584



# Same Dimension

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



4294093056



4294947328



4291228160



4286084204



4290281472



4281870080



# Inverse Universe

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



4278209010



4278210047



4281073906



4285296504



4278204344



4278194488



# Previews

## White Background



This preview shows how the Android color 4294093056 looks on a white background.

## Color Contrast Check

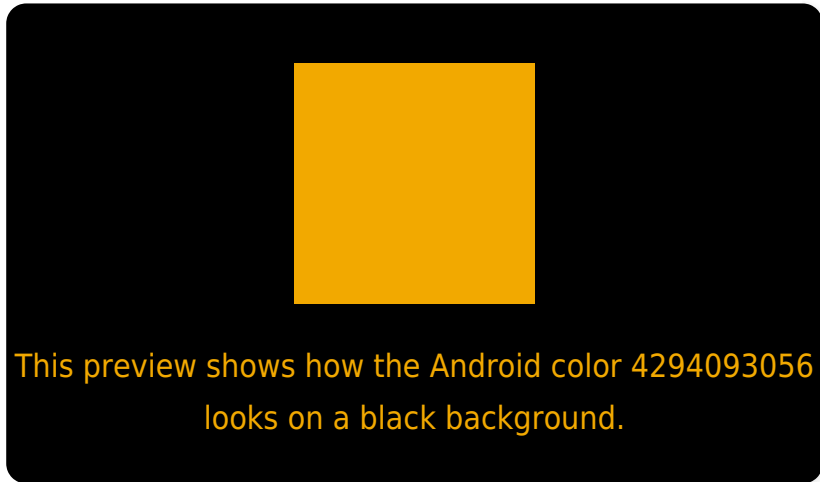
Large Text (above 18pt) WCAG AA × Fail

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 4294093056 Background



This preview shows how black text looks on a background with the Android color 4294093056.



This preview shows how white text looks on a background with the Android color 4294093056.

# 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**  
4294093056

**Protanopia**  
4291803151

**Deuteranopia**  
4293438976



**Tritanopia**  
4294548905

# Trichromacy



**Original Color**  
4294093056

**Protanomaly**  
4292653834

**Deuteranomaly**  
4293700608

**Tritanomaly**  
4294353260

# Monochromacy



**Original Color**  
4294093056

**Achromatopsia**  
4289506476

**Achromatomaly**  
4291144557

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294093056 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, 169, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 169, 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(242, 169, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 169, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294093056 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, 169, 0) }
```

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

```
.border{ border-color:rgb(242, 169, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 169, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 169, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 169, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 169,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4294093056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 169, 0) }
```

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

```
.background{ background-color: rgb(242,  
169, 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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