

# Converting Colors

Android(4293973600)

Have a look what the booklet for  
Android(4293973600) contains.

<b>Android(4293973600)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4293973600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0D660
RGB	240, 214, 96
RGB Percent	94%, 84%, 38%
CMY	0.0588, 0.1608, 0.6235
CMYK	0.00, 0.11, 0.60, 0.06
HSL	49°, 83%, 66%
HSV	49°, 60%, 94%
XYZ	62.0931, 67.4629, 20.8153
YIQ	208.3220, 53.3740, -31.1860

# Conversions

## Conversions Part 2

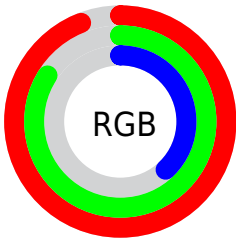
Format	Color
<a href="#">RYB</a>	<a href="#">128, 240, 96</a>
Decimal	<a href="#">15783520</a>
<a href="#">CIELab</a>	<a href="#">85.74, -4.67, 60.20</a>
<a href="#">CIElCh</a>	<a href="#">86, 60.376, 94.440</a>
<a href="#">Yxy</a>	<a href="#">67.4629, 0.4129, 0.4486</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293973600 (0xFFFF0D660)</a>
<a href="#">YUV</a>	<a href="#">208.3220, -55.3747, 27.7816</a>
<a href="#">Hunter-Lab</a>	<a href="#">82.1358, -8.7952, 42.4695</a>

# Details

The Android color `4293973600` is a light color, and the websafe version is hex `FFCC66`. A complement of this color would be `4284513008`, and the grayscale version is `4291940817`.

A 20% lighter version of the original color is `4294967190`, and `4290093097` is the 20% darker color. If you saturate the color by 10%, you get `4293972552`, and if you desaturate by 10%, it is `4293974648`.

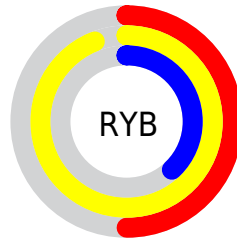
# Distribution



Red (94%)

Green (84%)

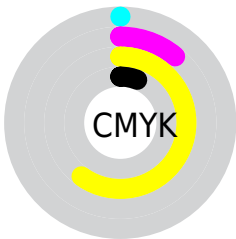
Blue (38%)



Red (50%)

Yellow (94%)

Blue (38%)

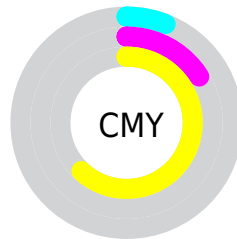


Cyan (0%)

Magenta (11%)

Yellow (60%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293973600 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 4293973600 by changing the saturation by 10% instead.





4293973600



4293973600

4294967295



4292000325



4294967190



4290093097



4294967218



4288185858



4294967247



4286344448



4294967276



4284568832



4282793472



4281083904



4279374848



4278190080

 4293973600

 4293973600

 4293972552

 4293974648

 4293971248

 4293975952

 4293970200

 4293977000

 4293969152

 4293978048

 4293979352

 4293980400

 4293981439

 4293982719

 4293983743

# Harmonies

## Analogous

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



4294951535



4293973600



4290045556

# Triad

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



4293973600



4278252287



4294946815

# Complementary

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



4293973600



4284513008

# 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.



4293313791



4293973600



4278249983

# Square

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



4293973600



4278252509



4286700287



4294944464

# Rectangle

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



4293973600



4286901649



4286700287



4294948351



# Sweetspot

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



4293973600



4294965201



4293943418



4286610019



4278190080



4286611584



# Same Dimension

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



4293973600



4294958663



4290965600



4286084716



4290287104



4281871872



# Inverse Universe

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



4284513008



4282870271



4287521008



4285296248



4278198712



4278192696



# Previews

## White Background



This preview shows how the Android color 4293973600 looks on a white background.

## Color Contrast Check

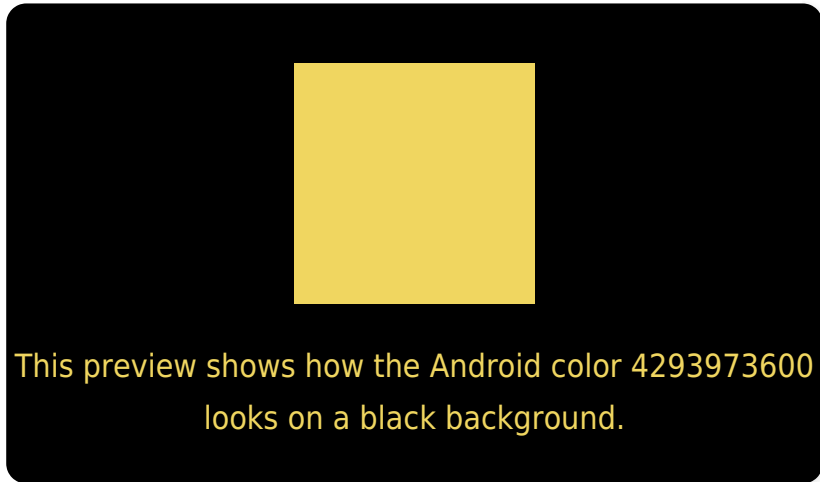
Large Text (above 18pt) WCAG AA × Fail

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 4293973600 Background



This preview shows how black text looks on a background with the Android color 4293973600.



This preview shows how white text looks on a background with the Android color 4293973600.

# 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**  
4293973600

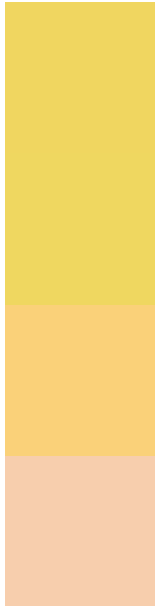
**Protanopia**  
4293842784

**Deuteranopia**  
4294954631



**Tritanopia**  
4294691289

# Trichromacy



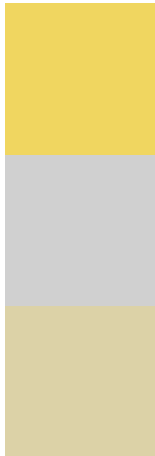
**Original Color**  
4293973600

**Protanomaly**  
4293908320

**Deuteranomaly**  
4294627705

**Tritanomaly**  
4294430381

# Monochromacy



**Original Color**  
4293973600

**Achromatopsia**  
4291875024

**Achromatomaly**  
4292661927

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293973600 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(240, 214, 96)` looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 96)  
}
```

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(240, 214, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 96) }
```

## Border

The CSS property to change the border of an element to Android 4293973600 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(240, 214, 96) }
```

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

```
.border{ border-color:rgb(240, 214, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 214, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 96);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4293973600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 96) }
```

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

```
.background{ background-color: rgb(240,  
214, 96) }
```

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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