

# Converting Colors

Android(4294097760)

Have a look what the booklet for  
Android(4294097760) contains.

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# **Color**

**Android(4294097760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2BB60
RGB	242, 187, 96
RGB Percent	95%, 73%, 38%
CMY	0.0510, 0.2667, 0.6235
CMYK	0.00, 0.23, 0.60, 0.05
HSL	37°, 85%, 66%
HSV	37°, 60%, 95%
XYZ	56.4996, 55.2624, 18.7552
YIQ	193.0710, 61.9910, -16.6410

# Conversions

## Conversions Part 2

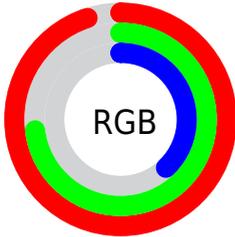
Format	Color
<a href="#">RYB</a>	<a href="#">184, 242, 96</a>
Decimal	<a href="#">15907680</a>
<a href="#">CIELab</a>	<a href="#">79.19, 10.10, 52.84</a>
<a href="#">CIELCh</a>	<a href="#">79, 53.801, 79.182</a>
<a href="#">Yxy</a>	<a href="#">55.2624, 0.4329, 0.4234</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294097760 (0xFFFF2BB60)</a>
<a href="#">YUV</a>	<a href="#">193.0710, -47.8560, 42.9107</a>
<a href="#">Hunter-Lab</a>	<a href="#">74.3387, 5.5725, 37.0786</a>

# Details

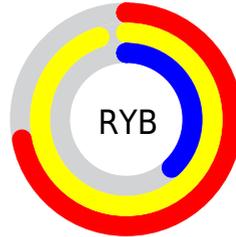
The Android color **4294097760** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **4284520434**, and the grayscale version is **4290888129**.

A 20% lighter version of the original color is **4294964117**, and **4290151980** is the 20% darker color. If you saturate the color by 10%, you get **4294095432**, and if you desaturate by 10%, it is **4294100088**.

# Distribution



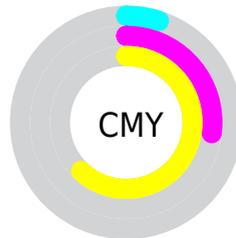
- Red (95%)
- Green (73%)
- Blue (38%)



- Red (72%)
- Yellow (95%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (60%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294097760 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 4294097760 by changing the saturation by 10% instead.



 4294097760

 4294097760

4294967295

 4292124742

 4294964117

 4290151980

 4294967217

 4288245007

 4294967245

 4286403840

 4294967273

 4284628480

 4282787840

 4281078784

 4279238656

 4278190080

4294097760

4294097760

4294095432

4294100088

4294093104

4294102416

4294090775

4294104745

4294088448

4294107073

4294109657

4294111985

4294114303

4294115327

# Harmonies

## Analogous

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



4294945146



4294097760



4291021666

# Triad

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



4294097760



4278247139



4293962751

# Complementary

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



4294097760



4284520434

# 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.



4289445631



4294097760



4278245887

# Square

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



4294097760



4281327024



4281782271



4294941912

# Rectangle

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



4294097760



4288533364



4281782271



4292719103



# Sweetspot

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



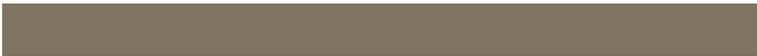
4294097760



4294962897



4294074520



4286608739



4278190080



4286611584



# Same Dimension

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



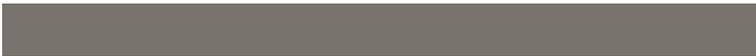
4294097760



4294949447



4292997728



4286083948



4290277888



4281869056



# Inverse Universe

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



4284520434



4282879487



4285620466



4285296760



4278207928



4278195512



# Previews

## White Background



This preview shows how the Android color 4294097760 looks on a white background.

## Color Contrast Check

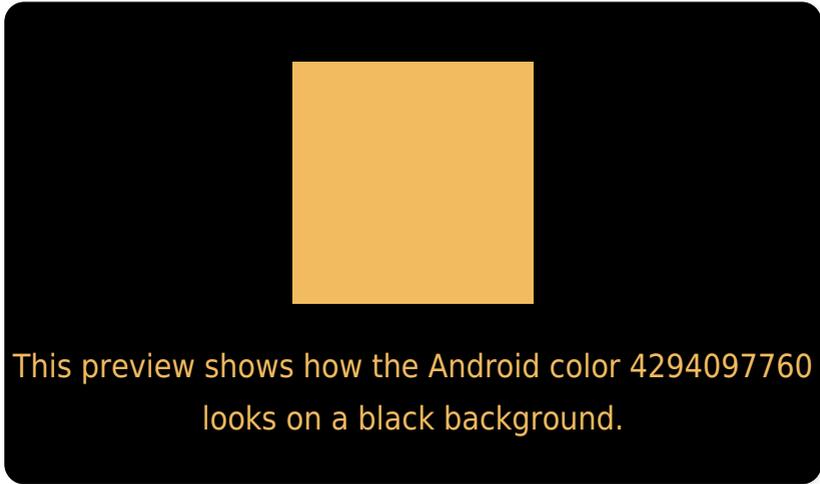
Large Text (above 18pt) WCAG AA × Fail

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

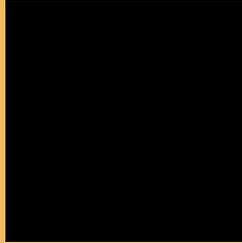
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294097760 Background



This preview shows how black text looks on a background with the Android color 4294097760.



This preview shows how white text looks on a background with the Android color 4294097760.

# 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**  
4294097760

**Protanopia**  
4292461923

**Deuteranopia**  
4294097760



**Tritanopia**  
4294553790

# Trichromacy



**Original Color**  
4294097760

**Protanomaly**  
4293050722

**Deuteranomaly**  
4294097760

**Tritanomaly**  
4294358172

# Monochromacy



**Original Color**  
4294097760

**Achromatopsia**  
4290888129

**Achromatomaly**  
4292067230

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294097760 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, 187, 96)` looks like.

```
.text, #text, p{  
    color:rgb(242, 187, 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(242, 187, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 187, 96) }
```

## Border

The CSS property to change the border of an element to Android 4294097760 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, 187, 96) }
```

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

```
.border{ border-color:rgb(242, 187, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 187, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 187, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 187, 96);  
box-shadow:4px 4px 4px 4px rgb(242, 187,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4294097760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 187, 96) }
```

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

```
.background{ background-color: rgb(242,  
187, 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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