

# Converting Colors

Android(4291584061)

Have a look what the booklet for  
Android(4291584061) contains.

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# Color

**Android(4291584061)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC603D
RGB	204, 96, 61
RGB Percent	80%, 38%, 24%
CMY	0.2000, 0.6235, 0.7608
CMYK	0.00, 0.53, 0.70, 0.20
HSL	15°, 58%, 52%
HSV	15°, 70%, 80%
XYZ	29.9270, 21.5400, 6.9952
YIQ	124.3020, 75.6030, 12.0110

# Conversions

## Conversions Part 2

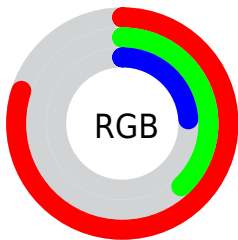
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 107, 61</a>
Decimal	<a href="#">13393981</a>
<a href="#">CIELab</a>	<a href="#">53.54, 40.43, 39.79</a>
<a href="#">CIElCh</a>	<a href="#">54, 56.727, 44.538</a>
<a href="#">Yxy</a>	<a href="#">21.5400, 0.5119, 0.3684</a>
Android (android.graphics.Color)	<a href="#">4291584061</a> ( <a href="#">0xFFCC603D</a> )
<a href="#">YUV</a>	<a href="#">124.3020, -31.2079, 69.8951</a>
<a href="#">Hunter-Lab</a>	<a href="#">46.4112, 33.8812, 23.5516</a>

# Details

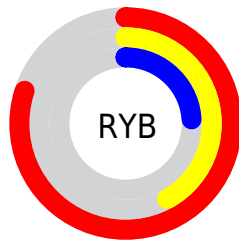
The Android color **4291584061** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4282231244**, and the grayscale version is **4286414205**.

A 20% lighter version of the original color is **4294940014**, and **4287638799** is the 20% darker color. If you saturate the color by 10%, you get **4291580201**, and if you desaturate by 10%, it is **4291587921**.

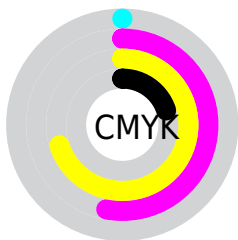
# Distribution



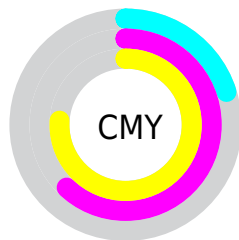
- Red (80%)
- Green (38%)
- Blue (24%)



- Red (80%)
- Yellow (42%)
- Blue (24%)



- Cyan (0%)
- Magenta (53%)
- Yellow (70%)
- Black (20%)




- Cyan (20%)
- Magenta (62%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291584061 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 4291584061 by changing the saturation by 10% instead.



 4291584061

 4291584061

4294967295

 4289611302

 4294940014

 4287638799

 4294946952

 4285665280

 4294954146

 4283760640

 4294961597


 4281991168

 4294967257


 4279828481

 4294967286

 4278190080

 4291584061

 4291584061

 4291580201

 4291587921

■ 4291576084

■ 4291592038

■ 4291572224

■ 4291595898

■ 4291600015

■ 4291603875

■ 4291607735

■ 4291611852

■ 4291615712

■ 4291619829

# Harmonies

## Analogous

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



4292366698



4291584061



4289557528

# Triad

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



4291584061



4278228324



4283071967

# Complementary

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



4291584061



4282231244

# 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.



4278226142



4291584061



4278228887

# Square

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



4291584061



4283076661



4278228420



4288702662

# Rectangle

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



4291584061



4287791116



4278228420



4278223842



# Sweetspot

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



4291584061



4294957001



4291575211



4286605152



4278190080



4286611584



# Same Dimension

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



4291584061



4294925609



4291601981



4284898908



4289079552



4280682752

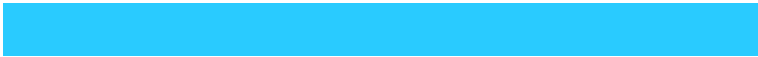


# Inverse Universe

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



4282231244



4280929279



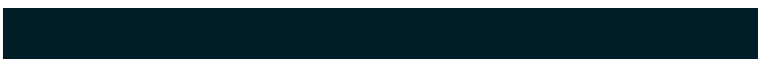
4282213324



4284245094



4278222246

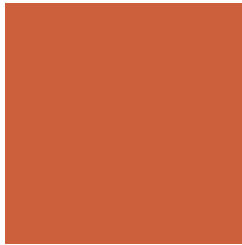


4278197542



# Previews

## White Background



This preview shows how the Android color 4291584061 looks on a white background.

## Color Contrast Check

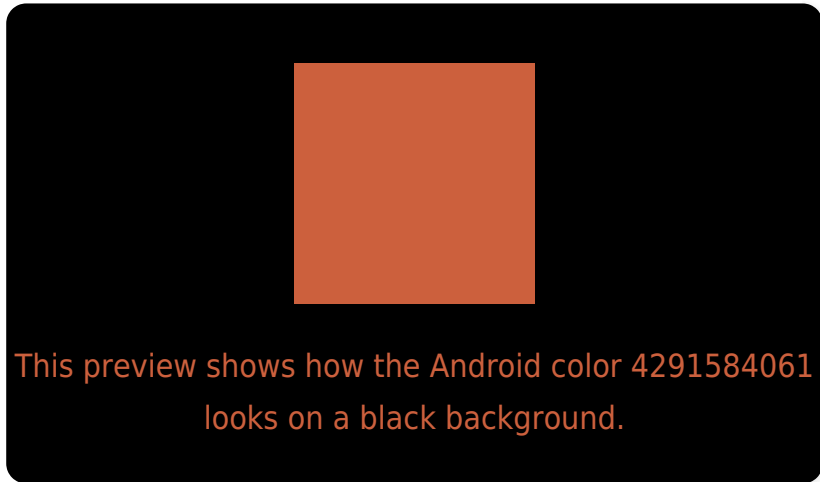
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291584061 Background



This preview shows how black text looks on a background with the Android color 4291584061.



This preview shows how white text looks on a background with the Android color 4291584061.

# 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**

4291584061

**Protanopia**

4287463752

**Deuteranopia**

4288641591



# Trichromacy



**Original Color**

4291584061

**Protanomaly**

4288968004

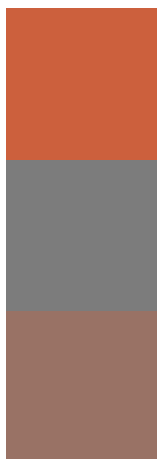
**Deuteranomaly**

4289687865

**Tritanomaly**

4291648853

# Monochromacy



**Original Color**

4291584061

**Achromatopsia**

4286348412

**Achromatomaly**

4288246373

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291584061 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(204, 96, 61)` looks like.

```
.text, #text, p{  
    color:rgb(204, 96, 61)  
}
```

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(204, 96, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 96, 61) }
```

## Border

The CSS property to change the border of an element to Android 4291584061 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(204, 96, 61) }
```

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

```
.border{ border-color:rgb(204, 96, 61) }
```

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

Here you see how a box with a 4 pixel rgb(204, 96, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 96, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 96, 61);  
box-shadow:4px 4px 4px 4px rgb(204, 96,  
61) }
```

# Background

The CSS property to change the background color of an element to Android 4291584061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 96, 61) }
```

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

```
.background{ background-color: rgb(204, 96,  
61) }
```

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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