

# Converting Colors

Android(4292580958)

Have a look what the booklet for  
Android(4292580958) contains.

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# **Color**

**Android(4292580958)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB965E
RGB	219, 150, 94
RGB Percent	86%, 59%, 37%
CMY	0.1412, 0.4118, 0.6314
CMYK	0.00, 0.32, 0.57, 0.14
HSL	27°, 63%, 61%
HSV	27°, 57%, 86%
XYZ	42.1401, 37.6809, 15.6418
YIQ	164.2470, 59.1000, -2.7880

# Conversions

## Conversions Part 2

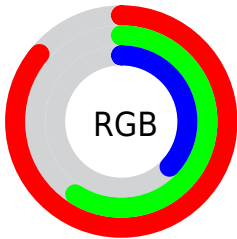
Format	Color
<a href="#">RYB</a>	<a href="#">219, 195, 94</a>
Decimal	<a href="#">14390878</a>
CIELab	<a href="#">67.78, 20.12, 39.71</a>
CIElCh	<a href="#">68, 44.516, 63.130</a>
Yxy	<a href="#">37.6809, 0.4414, 0.3947</a>
Android (android.graphics.Color)	<a href="#">4292580958</a> ( <a href="#">0xFFDB965E</a> )
YUV	<a href="#">164.2470, -34.6318, 48.0184</a>
Hunter-Lab	<a href="#">61.3848, 15.1154, 27.8613</a>

# Details

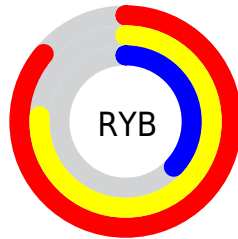
The Android color `4292580958` is a light color, and the websafe version is hex `CC9966`. The color can be described as light muted orange. A complement of this color would be `4284392411`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4294954130`, and `4288701230` is the 20% darker color. If you saturate the color by 10%, you get `4292577864`, and if you desaturate by 10%, it is `4292584052`.

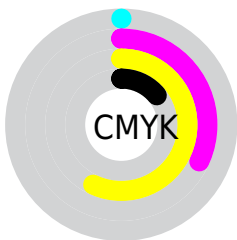
# Distribution



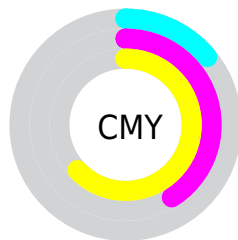
- Red (86%)
- Green (59%)
- Blue (37%)



- Red (86%)
- Yellow (76%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (57%)
- Black (14%)



- Cyan (14%)
- Magenta (41%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292580958 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 4292580958 by changing the saturation by 10% instead.



 4292580958

 4292580958

4294967295

 4290608197

 4294954130

 4288701230

 4294961580

 4286860054

 4294967240

 4285019136

 4294967268

 4283244032

 4281468928

 4279697408

 4278190080

 4292580958

 4292580958

 4292577864

 4292584052

 4292574770

 4292587146

 4292571676

 4292590240

 4292568582

 4292593334

 4292567552

 4292596428

 4292599777

 4292602871

 4292605951

 4292607999

# Harmonies

## Analogous

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



4293888379



4292580958



4290421843

# Triad

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



4292580958



4278237864



4289632745

# Complementary

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



4292580958



4284392411

# 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.



4285245685



4292580958



4278237648

# Square

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



4292580958



4284331903



4278236140



4292578250

# Rectangle

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



4292580958



4288654425



4278236140



4288388847

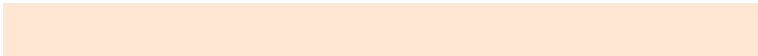


# Sweetspot

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



4292580958



4294961108



4292566693



4286607718



4278190080



4286611584



# Same Dimension

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



4292580958



4294942546



4292596574



4285425763



4289547776



4281210112



# Inverse Universe

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



4284392411



4283609599



4284376795



4284705134



4278214829



4278196526



# Previews

## White Background



This preview shows how the Android color 4292580958 looks on a white background.

## Color Contrast Check

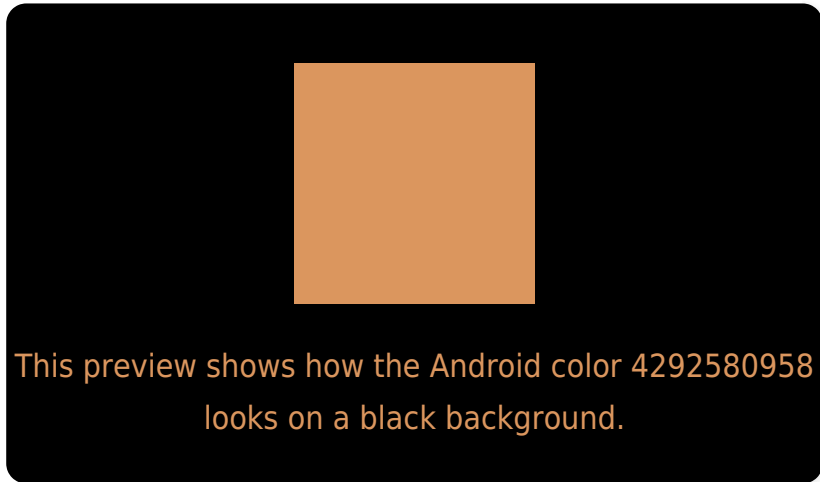
Large Text (above 18pt) WCAG AA × Fail

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

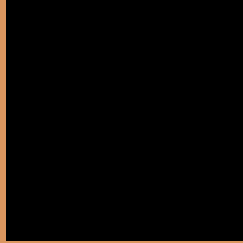
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292580958 Background



This preview shows how black text looks on a background with the Android color 4292580958.



This preview shows how white text looks on a background with the Android color 4292580958.

# 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**  
4292580958

**Protanopia**  
4290094692

**Deuteranopia**  
4291468892



# Trichromacy



**Original Color**  
4292580958

**Protanomaly**  
4291010658

**Deuteranomaly**  
4291861341

**Tritanomaly**  
4292776580

# Monochromacy



**Original Color**  
4292580958

**Achromatopsia**  
4288980132

**Achromatomaly**  
4290289547

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292580958 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(219, 150, 94)` looks like.

```
.text, #text, p{  
    color:rgb(219, 150, 94)  
}
```

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(219, 150, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 150, 94) }
```

## Border

The CSS property to change the border of an element to Android 4292580958 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(219, 150, 94) }
```

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

```
.border{ border-color:rgb(219, 150, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 150, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 150, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 150, 94);  
box-shadow:4px 4px 4px 4px rgb(219, 150,  
94) }
```

# Background

The CSS property to change the background color of an element to Android 4292580958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 150, 94) }
```

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

```
.background{ background-color: rgb(219,  
150, 94) }
```

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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