

# Converting Colors

Android(4293102658)

Have a look what the booklet for  
Android(4293102658) contains.

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# **Color**

**Android(4293102658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E38C42
RGB	227, 140, 66
RGB Percent	89%, 55%, 26%
CMY	0.1098, 0.4510, 0.7412
CMYK	0.00, 0.38, 0.71, 0.11
HSL	28°, 74%, 57%
HSV	28°, 71%, 89%
XYZ	42.0400, 35.4804, 9.7869
YIQ	157.5770, 75.6060, -4.5700

# Conversions

## Conversions Part 2

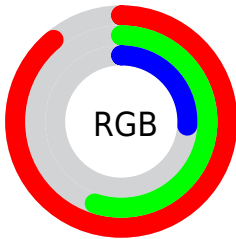
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 203, 66
Decimal	14912578
CIE Lab	66.12, 26.99, 52.00
CIE LCh	66, 58.585, 62.569
Yxy	35.4804, 0.4815, 0.4064
Android (android.graphics.Color)	4293102658 (0xFFE38C42)
YUV	157.5770, -45.1475, 60.8840
Hunter-Lab	59.5654, 21.7420, 31.9541

# Details

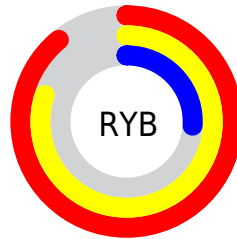
The Android color **4293102658** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4282554851**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4294951541**, and **4289091852** is the 20% darker color. If you saturate the color by 10%, you get **4293099563**, and if you desaturate by 10%, it is **4293105753**.

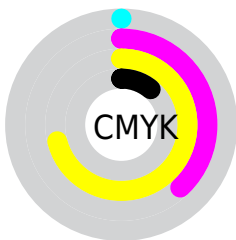
# Distribution



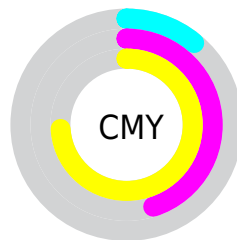
- Red (89%)
- Green (55%)
- Blue (26%)



- Red (89%)
- Yellow (80%)
- Blue (26%)



- Cyan (0%)
- Magenta (38%)
- Yellow (71%)
- Black (11%)



- Cyan (11%)
- Magenta (45%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293102658 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 4293102658 by changing the saturation by 10% instead.



 4293102658

 4293102658

4294967295

 4291064361

 4294951541

 4289091852

 4294958736

 4287185152

 4294966187

 4285278720

 4294967239

 4283372288

 4294967267

 4281597952

 4279631872

 4278190080

 4293102658

 4293102658

4293099563

4293105753

4293096213

4293109103

4293093376

4293112198

4293115293

4293118387

4293121738

4293124833

4293127928

4293131007

# Harmonies

## Analogous

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



4294801771



4293102658



4290355247

# Triad

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



4293102658



4278237860



4289237498

# Complementary

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



4293102658



4282554851

# 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.



4281312767



4293102658



4278237656

# Square

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



4293102658



4281448302



4278236157



4293163986

# Rectangle

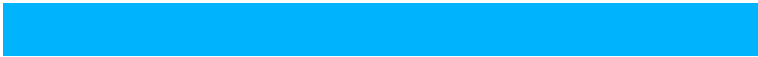
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293102658



4288064056



4278236157



4287404287

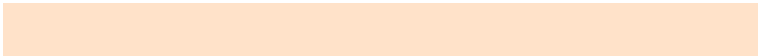


# Sweetspot

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



4293102658



4294959817



4293083803



4286606944



4278190080



4286611584



# Same Dimension

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



4293102658



4294937126



4293122882



4285754727



4289942016



4281538304



# Inverse Universe

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



4282554851



4280720383



4282534627



4284968307



4278214835



4278197299



# Previews

## White Background



This preview shows how the Android color 4293102658 looks on a white background.

## Color Contrast Check

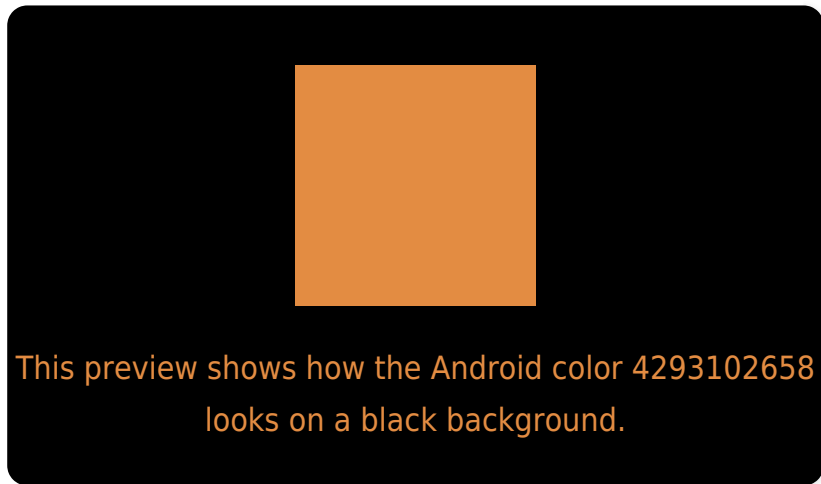
Large Text (above 18pt) WCAG AA × Fail

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

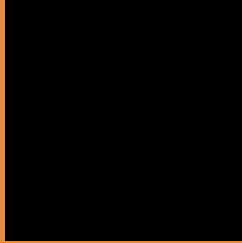
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4293102658 Background



This preview shows how black text looks on a background with the Android color 4293102658.



This preview shows how white text looks on a background with the Android color 4293102658.

# 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





# Trichromacy



**Original Color**  
4293102658

**Protanomaly**  
4291074374

**Deuteranomaly**  
4291990591

**Tritanomaly**  
4293298034

# Monochromacy



**Original Color**  
4293102658

**Achromatopsia**  
4288585374

**Achromatomaly**  
4290221949

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293102658 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(227, 140, 66)` looks like.

```
.text, #text, p{  
    color:rgb(227, 140, 66)  
}
```

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(227, 140, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 140, 66) }
```

## Border

The CSS property to change the border of an element to Android 4293102658 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(227, 140, 66) }
```

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

```
.border{ border-color:rgb(227, 140, 66) }
```

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

Here you see how a box with a 4 pixel rgb(227, 140, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 140, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 140, 66);  
box-shadow:4px 4px 4px 4px rgb(227, 140,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4293102658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 140, 66) }
```

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

```
.background{ background-color: rgb(227,  
140, 66) }
```

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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