

# Converting Colors

Android(4283934291)

Have a look what the booklet for  
Android(4283934291) contains.

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# Color

**Android(4283934291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57A653
RGB	87, 166, 83
RGB Percent	34%, 65%, 33%
CMY	0.6588, 0.3490, 0.6745
CMYK	0.48, 0.00, 0.50, 0.35
HSL	117°, 33%, 49%
HSV	117°, 50%, 65%
XYZ	19.1280, 29.9232, 12.9512
YIQ	132.9170, -20.4410, -42.5610

# Conversions

## Conversions Part 2

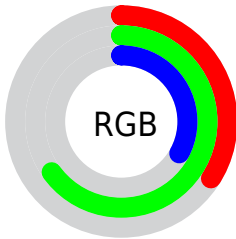
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 166, 162
Decimal	5744211
CIELab	61.59, -41.42, 35.41
CIELCh	62, 54.497, 139.471
Yxy	29.9232, 0.3085, 0.4826
Android (android.graphics.Color)	4283934291 (0xFF57A653)
YUV	132.9170, -24.6091, -40.2692
Hunter-Lab	54.7021, -33.3115, 24.2540

# Details

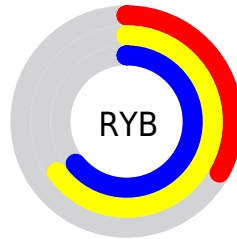
The Android color `4283934291` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4288828326`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4287553158`, and `4280119586` is the 20% darker color. If you saturate the color by 10%, you get `4282885698`, and if you desaturate by 10%, it is `4284982884`.

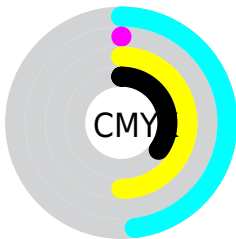
# Distribution



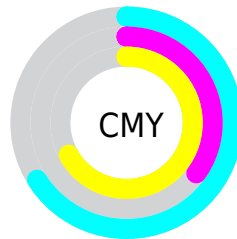
- Red (34%)
- Green (65%)
- Blue (33%)



- Red (33%)
- Yellow (65%)
- Blue (64%)



- Cyan (48%)
- Magenta (0%)
- Yellow (50%)
- Black (35%)



- Cyan (66%)
- Magenta (35%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283934291 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 4283934291 by changing the saturation by 10% instead.





4283934291



4283934291

4294967295



4282092347



4287553158



4280119586



4289395617



4278212616



4291231676



4278206464



4293132248



4278200832



4294967285



4278192896



4278190080



4283934291



4283934291



4282885698



4284982884

 4281837106

 4286031476

 4280854049

 4287014533


 4279805457

 4288063125

 4278756864

 4289111718

 4290160311

 4291208903

 4292191960

 4293240552

# Harmonies

## Analogous

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



4287732787



4283934291



4278233986

# Triad

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



4283934291



4278231027



4293749623

# Complementary

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



4283934291



4288828326

# 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.



4293159848



4283934291



4286091248

# Square

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



4283934291



4278233565



4290739156



4292770381

# Rectangle

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



4283934291



4278234275



4290739156



4293749127



# Sweetspot

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



4283934291



4290435512



4289110611



4284182106



4293783021



4285427310



# Same Dimension

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



4283934291



4284340567



4283672184



4283192396



4278686720



4278260736



# Inverse Universe

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



4288828326



4291975129



4289090433



4283714644



4287430804



4279435284



# Previews

## White Background



This preview shows how the Android color 4283934291 looks on a white background.

## Color Contrast Check

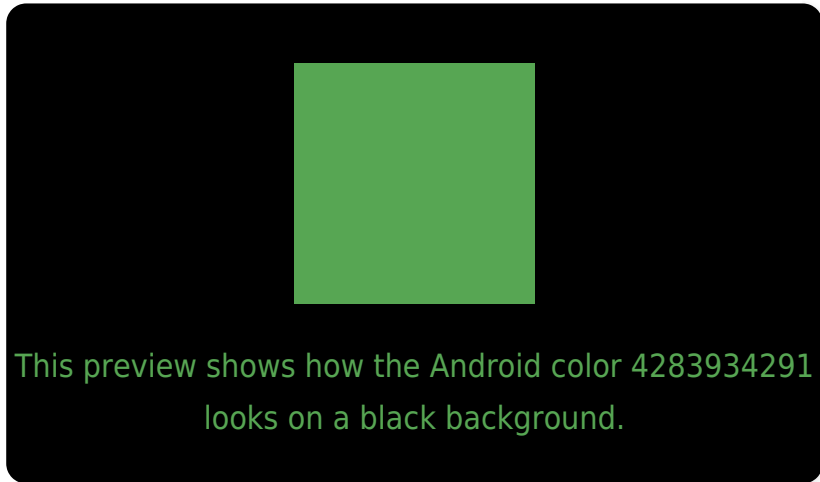
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283934291 Background



This preview shows how black text looks on a background with the Android color 4283934291.



This preview shows how white text looks on a background with the Android color 4283934291.

# 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





**Tritanopia**  
4285111721

# Trichromacy



**Original Color**  
4283934291



**Protanomaly**  
4287077199



**Deuteranomaly**  
4287796823



**Tritanomaly**  
4284653706

# Monochromacy



**Original Color**  
4283934291



**Achromatopsia**  
4286940549



**Achromatomaly**  
4285829491

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283934291 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(87, 166, 83)` looks like.

```
.text, #text, p{  
    color:rgb(87, 166, 83)  
}
```

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(87, 166, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 166, 83) }
```

## Border

The CSS property to change the border of an element to Android 4283934291 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(87, 166, 83) }
```

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

```
.border{ border-color:rgb(87, 166, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 166, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 166, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 166, 83);  
box-shadow:4px 4px 4px 4px rgb(87, 166,  
83) }
```

# Background

The CSS property to change the background color of an element to Android 4283934291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 166, 83) }
```

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

```
.background{ background-color: rgb(87, 166,  
83) }
```

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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