

# Converting Colors

Android(4281642582)

Have a look what the booklet for  
Android(4281642582) contains.

<b>Android(4281642582)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4281642582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34AE56
RGB	52, 174, 86
RGB Percent	20%, 68%, 34%
CMY	0.7961, 0.3176, 0.6627
CMYK	0.70, 0.00, 0.51, 0.32
HSL	137°, 54%, 44%
HSV	137°, 70%, 68%
XYZ	18.2319, 31.6741, 13.9569
YIQ	127.4900, -44.4640, -53.2320

# Conversions

## Conversions Part 2

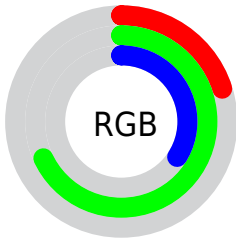
Format	Color
<a href="#">RYB</a>	<a href="#">52, 147, 174</a>
Decimal	<a href="#">3452502</a>
CIELab	<a href="#">63.07, -52.47, 35.49</a>
CIELCh	<a href="#">63, 63.346, 145.926</a>
Yxy	<a href="#">31.6741, 0.2855, 0.4960</a>
Android (android.graphics.Color)	<a href="#">4281642582 (0xFF34AE56)</a>
YUV	<a href="#">127.4900, -20.4546, -66.2047</a>
Hunter-Lab	<a href="#">56.2797, -40.6640, 24.6924</a>

# Details

The Android color **4281642582** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **4289606796**, and the grayscale version is **4286611584**.

A 20% lighter version of the original color is **4285720457**, and **4278220837** is the 20% darker color. If you saturate the color by 10%, you get **4280528457**, and if you desaturate by 10%, it is **4282756707**.

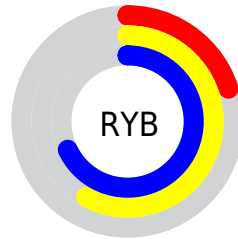
# Distribution



Red (20%)

Green (68%)

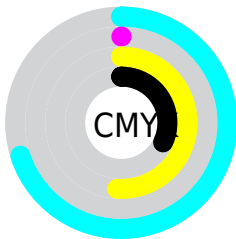
Blue (34%)



Red (20%)

Yellow (58%)

Blue (68%)

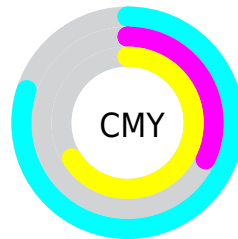


Cyan (70%)

Magenta (0%)

Yellow (51%)

Black (32%)



Cyan (80%)

Magenta (32%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281642582 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 4281642582 by changing the saturation by 10% instead.





4281642582



4281642582

4294967295



4278227773



4285720457



4278220837



4287627172



4278214155



4289593280



4278207744



4291493852



4278202112



4293459961



4278194944



4278190080



4281642582



4281642582



4280528457



4282756707

■ 4279348797

■ 4283936367

■ 4278234672

■ 4285050492

■ 4286230152

■ 4287344277

■ 4288458401

■ 4289638062

■ 4290752186

■ 4291931847

# Harmonies

## Analogous

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



4286948391



4281642582



4278236047

# Triad

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



4281642582



4278231551



4294731883

# Complementary

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



4281642582



4289606796

# 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.



4294534051



4281642582



4287335935

# Square

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



4281642582



4278234869



4292179161



4293229882

# Rectangle

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



4281642582



4278236086



4292179161



4294927229



# Sweetspot

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



4281642582



4289979329



4287475252



4283855710



4294111986



4285756275



# Same Dimension

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



4281642582



4280607577



4281642642



4283324240



4278228522



4278195974



# Inverse Universe

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



4289606796



4293076142



4289606736



4283911764



4288020589



4279697425



# Previews

## White Background



This preview shows how the Android color 4281642582 looks on a white background.

## Color Contrast Check

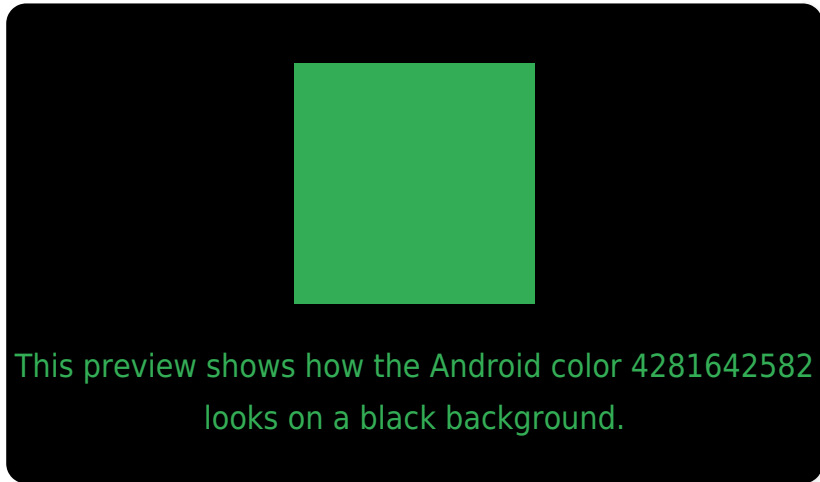
Large Text (above 18pt) WCAG AA × Fail

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 4281642582 Background



This preview shows how black text looks on a background with the Android color 4281642582.



This preview shows how white text looks on a background with the Android color 4281642582.

# 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



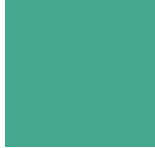
**Original Color**  
4281642582



**Protanomaly**  
4286423121



**Deuteranomaly**  
4287077466



**Tritanomaly**  
4282886288

# Monochromacy



**Original Color**  
4281642582



**Achromatopsia**  
4286545791



**Achromatomaly**  
4284780656

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281642582 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(52, 174, 86)` looks like.

```
.text, #text, p{  
    color:rgb(52, 174, 86)  
}
```

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(52, 174, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 174, 86) }
```

## Border

The CSS property to change the border of an element to Android 4281642582 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(52, 174, 86) }
```

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

```
.border{ border-color:rgb(52, 174, 86) }
```

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

Here you see how a box with a 4 pixel rgb(52, 174, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 174, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 174, 86);  
box-shadow:4px 4px 4px 4px rgb(52, 174,  
86) }
```

# Background

The CSS property to change the background color of an element to Android 4281642582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 174, 86) }
```

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

```
.background{ background-color: rgb(52, 174,  
86) }
```

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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