

# Converting Colors

Android(4282084156)

Have a look what the booklet for  
Android(4282084156) contains.

<b>Android(4282084156)</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(4282084156)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B6B3C
RGB	59, 107, 60
RGB Percent	23%, 42%, 24%
CMY	0.7686, 0.5804, 0.7647
CMYK	0.45, 0.00, 0.44, 0.58
HSL	121°, 29%, 33%
HSV	121°, 45%, 42%
XYZ	7.8769, 11.7714, 6.1319
YIQ	87.2900, -13.5210, -24.7930

# Conversions

## Conversions Part 2

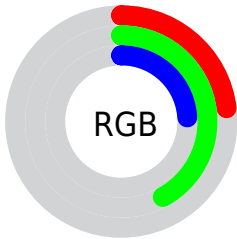
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 106, 107
Decimal	3894076
CIELab	40.85, -27.05, 21.36
CIELCh	41, 34.467, 141.710
Yxy	11.7714, 0.3055, 0.4566
Android (android.graphics.Color)	4282084156 (0xFF3B6B3C)
YUV	87.2900, -13.4540, -24.8103
Hunter-Lab	34.3095, -19.0608, 13.4202

# Details

The Android color `4282084156` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4285217642`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4285374316`, and `4278663952` is the 20% darker color. If you saturate the color by 10%, you get `4281363250`, and if you desaturate by 10%, it is `4282805062`.

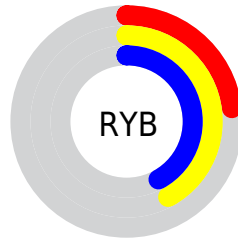
# Distribution



 Red (23%)

 Green (42%)

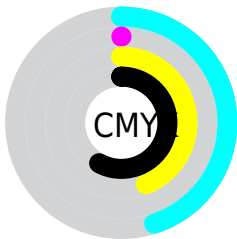
 Blue (24%)




 Red (23%)

 Yellow (42%)

 Blue (42%)

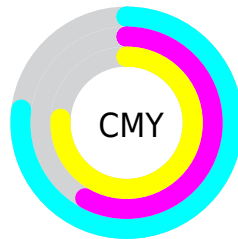


 Cyan (45%)


 Magenta (0%)

 Yellow (44%)

 Black (58%)



 Cyan (77%)

 Magenta (58%)

 Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282084156 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 4282084156 by changing the saturation by 10% instead.





4282084156



4282084156

4294967295



4280439334



4285374316



4278663952



4287085190



4278199552



4288861856



4278191616



4290704059



4278190080



4292542423



4294442995



4282084156



4282084156



4281363250



4282805062

■ 4280707879

■ 4283460433

■ 4279986973

■ 4284181339

■ 4279266066

■ 4284902246

■ 4278610696

■ 4285623152

■ 4278217474

■ 4286278523

■ 4286999429

■ 4287720336

■ 4288375706

# Harmonies

## Analogous

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



4284310825



4282084156



4278218327

# Triad

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



4282084156



4278937240



4287973965

# Complementary

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



4282084156



4285217642

# 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.



4287646057



4282084156



4283849877

# Square

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



4282084156



4278217868



4286337412



4287386165

# Rectangle

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



4282084156



4278218603



4286337412



4287973462



# Sweetspot

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



4282084156



4286221434



4285164347



4282140476



4291282887



4282861383



# Same Dimension

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



4282084156



4282485826



4282084180



4281349680



4278220034



4278252805



# Inverse Universe

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



4285217642



4287381899



4285217618



4281741365



4285857907

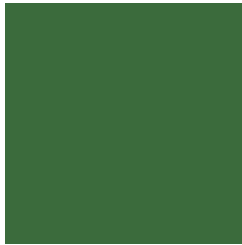


4294246640



# Previews

## White Background



This preview shows how the Android color 4282084156 looks on a white background.

## Color Contrast Check

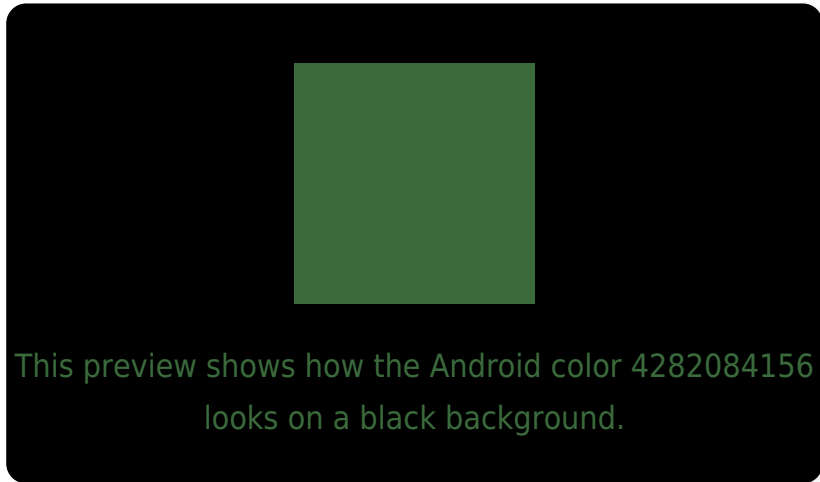
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4282084156 Background



This preview shows how black text looks on a background with the Android color 4282084156.



This preview shows how white text looks on a background with the Android color 4282084156.

# 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**  
4282084156

**Protanopia**  
4285095992

**Deuteranopia**  
4285750336



# Trichromacy



**Original Color**  
4282084156

**Protanomaly**  
4283982905

**Deuteranomaly**  
4284440895

**Tritanomaly**  
4282476379

# Monochromacy



**Original Color**  
4282084156

**Achromatopsia**  
4283914071

**Achromatomaly**  
4283260493

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282084156 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(59, 107, 60)` looks like.

```
.text, #text, p{  
    color:rgb(59, 107, 60)  
}
```

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(59, 107, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 107, 60) }
```

## Border

The CSS property to change the border of an element to Android 4282084156 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(59, 107, 60) }
```

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

```
.border{ border-color:rgb(59, 107, 60) }
```

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

Here you see how a box with a 4 pixel rgb(59, 107, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 107, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 107, 60);  
box-shadow:4px 4px 4px 4px rgb(59, 107,  
60) }
```

# Background

The CSS property to change the background color of an element to Android 4282084156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 107, 60) }
```

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

```
.background{ background-color: rgb(59, 107,  
60) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor