

# Converting Colors

Android(4281562664)

Have a look what the booklet for  
Android(4281562664) contains.

<b>Android(4281562664)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4281562664)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	337628
RGB	51, 118, 40
RGB Percent	20%, 46%, 16%
CMY	0.8000, 0.5373, 0.8431
CMYK	0.57, 0.00, 0.66, 0.54
HSL	112°, 49%, 31%
HSV	112°, 66%, 46%
XYZ	8.2267, 13.8139, 4.2402
YIQ	89.0750, -14.8940, -38.4620

# Conversions

## Conversions Part 2

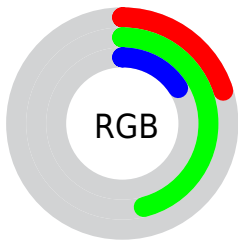
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 118, 107
Decimal	3372584
CIELab	43.96, -37.30, 35.60
CIELCh	44, 51.557, 136.336
Yxy	13.8139, 0.3130, 0.5256
Android (android.graphics.Color)	4281562664 (0xFF337628)
YUV	89.0750, -24.1940, -33.3918
Hunter-Lab	37.1670, -25.5325, 19.2528

# Details


The Android color `4281562664` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4285212790`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4285049689`, and `4278207744` is the 20% darker color. If you saturate the color by 10%, you get `4280907292`, and if you desaturate by 10%, it is `4282218036`.

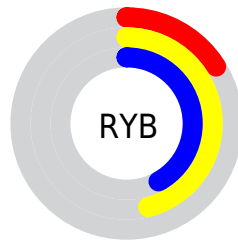
# Distribution



 Red (20%)

 Green (46%)

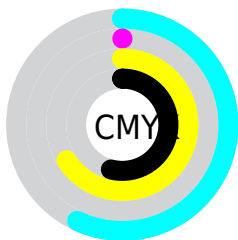
 Blue (16%)




 Red (16%)

 Yellow (46%)

 Blue (42%)

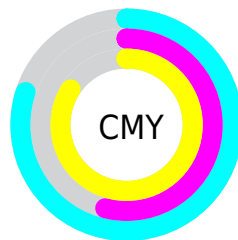


 Cyan (57%)

 Magenta (0%)

 Yellow (66%)

 Black (54%)



 Cyan (80%)

 Magenta (54%)

 Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281562664 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 4281562664 by changing the saturation by 10% instead.





4281562664



4281562664

4294967295



4279590159



4285049689



4278207744



4286826098



4278201856



4288668556



4278195712



4290510759



4278190080



4292345795



4294246367



4294967292



4281562664



4281562664

■ 4280907292

■ 4282218036

■ 4280251920

■ 4282873408

■ 4279596549

■ 4283528779

■ 4279334400

■ 4284249687

■ 4284905059

■ 4285560431

■ 4286215803

■ 4286871174

■ 4287526546

# Harmonies

## Analogous

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



4284968194



4281562664



4278221650

# Triad

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



4281562664



4278219451



4290068050

# Complementary

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



4281562664



4285212790

# 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.



4289413245



4281562664



4282213819

# Square

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



4281562664



4278221477



4287058596



4289285419

# Rectangle

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



4281562664



4278221936



4287058596



4290002017



# Sweetspot

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



4281562664



4286552442



4285950504



4282207546



4291611852



4283256141



# Same Dimension

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



4281562664



4281440544



4280841795



4281744181



4279335424



4280547840



# Inverse Universe

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



4285212790



4287111321



4285933659



4282004795



4285071482



4292280570



# Previews

## White Background



This preview shows how the Android color 4281562664 looks on a white background.

## Color Contrast Check

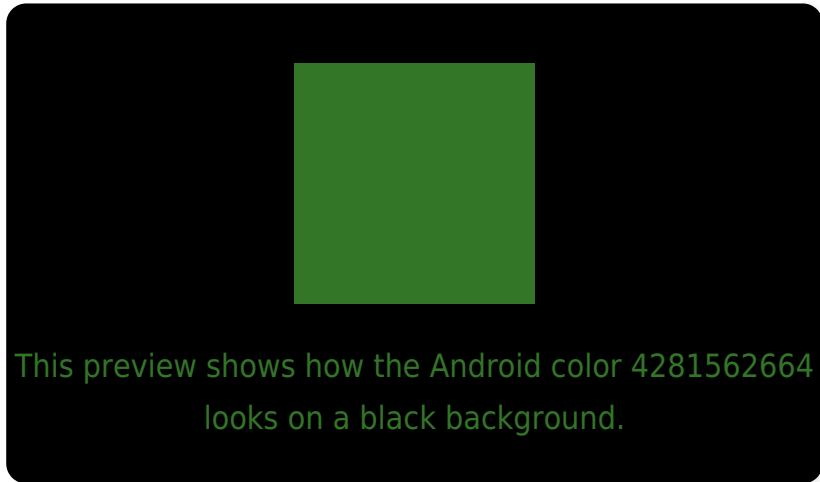
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281562664 Background



This preview shows how black text looks on a background with the Android color 4281562664.



This preview shows how white text looks on a background with the Android color 4281562664.

# 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**  
4281562664

**Protanopia**  
4285818916

**Deuteranopia**  
4286603822



# Trichromacy



**Original Color**  
4281562664

**Protanomaly**  
4284247333

**Deuteranomaly**  
4284770604

**Tritanomaly**  
4282282330

# Monochromacy



**Original Color**  
4281562664

**Achromatopsia**  
4284045657

**Achromatomaly**  
4283130951

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281562664 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(51, 118, 40)` looks like.

```
.text, #text, p{  
    color:rgb(51, 118, 40)  
}
```

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(51, 118, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 118, 40) }
```

## Border

The CSS property to change the border of an element to Android 4281562664 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(51, 118, 40) }
```

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

```
.border{ border-color:rgb(51, 118, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 118, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 118, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 118, 40);  
box-shadow:4px 4px 4px 4px rgb(51, 118,  
40) }
```

# Background

The CSS property to change the background color of an element to Android 4281562664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 118, 40) }
```

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

```
.background{ background-color: rgb(51, 118,  
40) }
```

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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