

# Converting Colors

Android(4283412564)

Have a look what the booklet for  
Android(4283412564) contains.

<b>Android(4283412564)</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(4283412564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FB054
RGB	79, 176, 84
RGB Percent	31%, 69%, 33%
CMY	0.6902, 0.3098, 0.6706
CMYK	0.55, 0.00, 0.52, 0.31
HSL	123°, 38%, 50%
HSV	123°, 55%, 69%
XYZ	20.3500, 33.3530, 13.7527
YIQ	136.5090, -28.2800, -49.1760

# Conversions

## Conversions Part 2

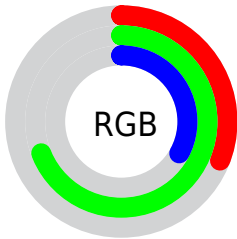
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 171, 176
Decimal	5222484
CIELab	64.45, -47.63, 38.35
CIELCh	64, 61.151, 141.158
Yxy	33.3530, 0.3017, 0.4944
Android (android.graphics.Color)	4283412564 (0xFF4FB054)
YUV	136.5090, -25.8869, -50.4354
Hunter-Lab	57.7521, -38.1684, 26.3075

# Details

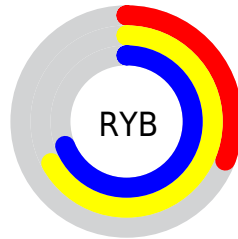
The Android color **4283412564** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4289744811**, and the grayscale version is **4287203721**.

A 20% lighter version of the original color is **4287162504**, and **4278417954** is the 20% darker color. If you saturate the color by 10%, you get **4282232899**, and if you desaturate by 10%, it is **4284592229**.

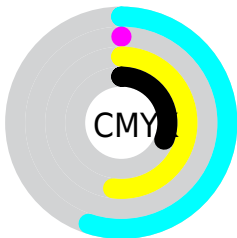
# Distribution



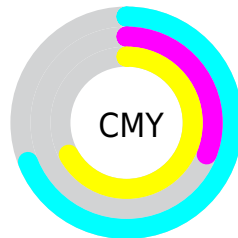
- Red (31%)
- Green (69%)
- Blue (33%)



- Red (31%)
- Yellow (67%)
- Blue (69%)



- Cyan (55%)
- Magenta (0%)
- Yellow (52%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283412564 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 4283412564 by changing the saturation by 10% instead.



 4283412564

 4283412564

4294967295

 4281439547

 4287162504

 4278417954

 4289003426

 4278214918

 4290903998

 4278208512

 4292804570

 4278202624

 4294770679

 4278196224


 4278190080

 4283412564

 4283412564

 4282232899

 4284592229

 4281118771

 4285706357

 4279939106

 4286886022

 4278824977

 4288000151

 4278235145

 4289179815

 4290359480

 4291473609

 4292653274

 4293767402

# Harmonies

## Analogous

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



4287866156



4283412564



4278236554

# Triad

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



4283412564



4278233087



4294929528

# Complementary

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



4283412564



4289744811

# 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.



4294405039



4283412564



4286617087

# Square

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



4283412564



4278235888



4291788257



4293754440

# Rectangle

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



4283412564



4278237104



4291788257



4294928778



# Sweetspot

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



4283412564



4290700992



4289441871



4284248925



4294111986



4285756275



# Same Dimension

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



4283412564



4283360854



4283412612



4283455825



4278229256



4278196737



# Inverse Universe

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



4289744811



4293283550



4289744763



4284043353



4288217233



4279894040



# Previews

## White Background



This preview shows how the Android color 4283412564 looks on a white background.

## Color Contrast Check

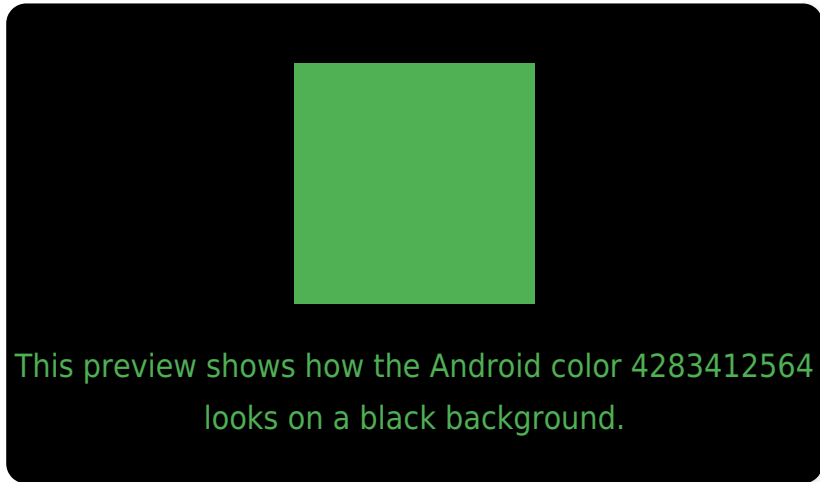
Large Text (above 18pt) WCAG AA × Fail

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 4283412564 Background



This preview shows how black text looks on a background with the Android color 4283412564.



This preview shows how white text looks on a background with the Android color 4283412564.

# 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**  
4283412564

**Protanopia**  
4289502029

**Deuteranopia**  
4290614363



# Trichromacy



**Original Color**

4283412564



**Protanomaly**

4287275856



**Deuteranomaly**

4287995480



**Tritanomaly**

4284328592

# Monochromacy



**Original Color**

4283412564



**Achromatopsia**

4287203721



**Achromatomaly**

4285831030

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283412564 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(79, 176, 84)` looks like.

```
.text, #text, p{  
    color:rgb(79, 176, 84)  
}
```

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(79, 176, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 176, 84) }
```

## Border

The CSS property to change the border of an element to Android 4283412564 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(79, 176, 84) }
```

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

```
.border{ border-color:rgb(79, 176, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 176, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 176, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 176, 84);  
box-shadow:4px 4px 4px 4px rgb(79, 176,  
84) }
```

# Background

The CSS property to change the background color of an element to Android 4283412564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 176, 84) }
```

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

```
.background{ background-color: rgb(79, 176,  
84) }
```

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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