

# Converting Colors

Android(4285365864)

Have a look what the booklet for  
Android(4285365864) contains.

<b>Android(4285365864)</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(4285365864)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D7E68
RGB	109, 126, 104
RGB Percent	43%, 49%, 41%
CMY	0.5725, 0.5059, 0.5922
CMYK	0.13, 0.00, 0.17, 0.51
HSL	106°, 10%, 45%
HSV	106°, 17%, 49%
XYZ	16.2662, 19.1724, 15.9400
YIQ	118.4090, -3.0700, -10.4460

# Conversions

## Conversions Part 2

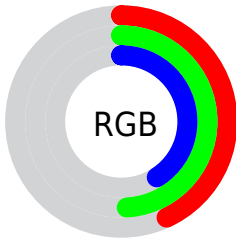
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 126, 121
Decimal	7175784
CIELab	50.89, -10.71, 9.92
CIElCh	51, 14.597, 137.207
Yxy	19.1724, 0.3166, 0.3732
Android (android.graphics.Color)	4285365864 (0xFF6D7E68)
YUV	118.4090, -7.1036, -8.2517
Hunter-Lab	43.7863, -10.3148, 9.0664

# Details

The Android color `4285365864` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4286146686`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4288787355`, and `4282207545` is the 20% darker color. If you saturate the color by 10%, you get `4284710491`, and if you desaturate by 10%, it is `4286021237`.

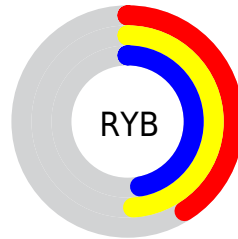
# Distribution



Red (43%)

Green (49%)

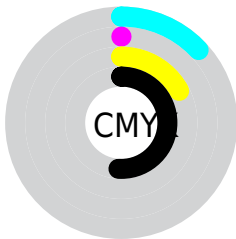
Blue (41%)



Red (41%)

Yellow (49%)

Blue (47%)

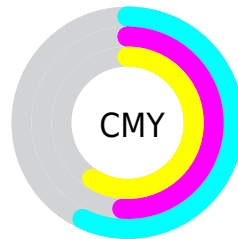


Cyan (13%)

Magenta (0%)

Yellow (17%)

Black (51%)



Cyan (57%)

Magenta (51%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285365864 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 4285365864 by changing the saturation by 10% instead.





4285365864



4285365864

4294967295



4283786576



4288787355



4282207545



4290563766



4280759843



4292405970



4279443726



4294246382



4278191616



4278190080



4285365864



4285365864



4284710491



4286021237



4284120655



4286611073

 4283465282

 4287266446

 4282809910

 4287921818

 4282154537

 4288577191

 4281564700

 4289167028


 4280909328

 4289822400

 4280253955

 4290477773

 4280122880

 4291133145

# Harmonies

## Analogous

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



4286282593



4285365864



4284514419

# Triad

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



4285365864



4284775569



4287852914

# Complementary

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



4285365864



4286146686

# 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.



4287590783



4285365864



4285823121

# Square

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



4285365864



4284120971



4286870666



4287722343

# Rectangle

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



4285365864



4284121212



4286870666



4287852663



# Sweetspot

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



4285365864



4288521115



4286478696



4283322957



4291940817



4283585106



# Same Dimension

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



4285365864



4287210369



4285038190



4282073145



4280123392



4278190080



# Inverse Universe

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



4286146686



4288381347



4286474360



4282267968



4284678272



4278190080



# Previews

## White Background



This preview shows how the Android color 4285365864 looks on a white background.

## Color Contrast Check

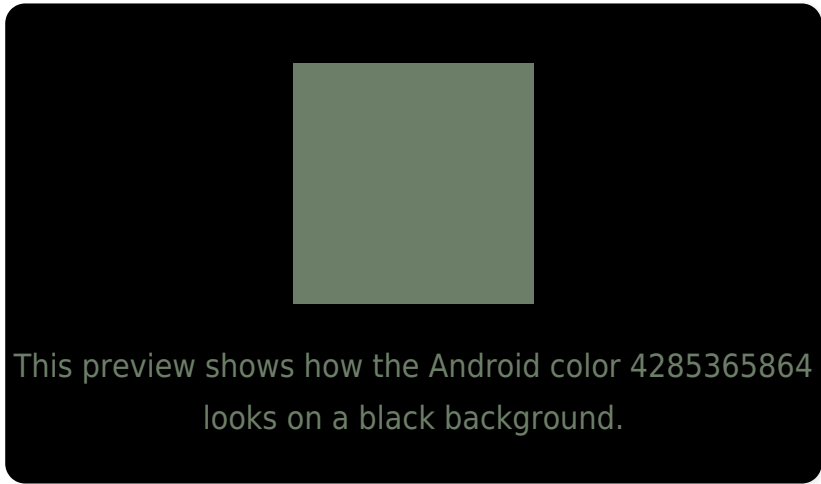
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285365864 Background



This preview shows how black text looks on a background with the Android color 4285365864.



This preview shows how white text looks on a background with the Android color 4285365864.

# 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**

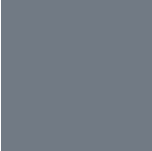
4285365864

**Protanopia**

4286609765

**Deuteranopia**

4287263850



**Tritanopia**  
4285627012

# Trichromacy



**Original Color**

4285365864

**Protanomaly**

4286151526

**Deuteranomaly**

4286543977

**Tritanomaly**

4285561722

# Monochromacy



**Original Color**

4285365864

**Achromatopsia**

4285953654

**Achromatomaly**

4285757809

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285365864 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(109, 126, 104)` looks like.

```
.text, #text, p{  
    color:rgb(109, 126, 104)  
}
```

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(109, 126, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 126, 104) }
```

## Border

The CSS property to change the border of an element to Android 4285365864 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(109, 126, 104) }
```

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

```
.border{ border-color:rgb(109, 126, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 126, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 126, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 126, 104);  
box-shadow:4px 4px 4px 4px rgb(109, 126,  
104) }
```

# Background

The CSS property to change the background color of an element to Android 4285365864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 126, 104) }
```

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

```
.background{ background-color: rgb(109,  
126, 104) }
```

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