

# Converting Colors

Android(4286547564)

Have a look what the booklet for  
Android(4286547564) contains.

<b>Android(4286547564)</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(4286547564)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7F866C
RGB	127, 134, 108
RGB Percent	50%, 53%, 42%
CMY	0.5020, 0.4745, 0.5765
CMYK	0.05, 0.00, 0.19, 0.47
HSL	76°, 11%, 47%
HSV	76°, 19%, 53%
XYZ	19.9843, 22.6449, 17.5050
YIQ	128.9430, 4.1740, -9.5700

# Conversions

## Conversions Part 2

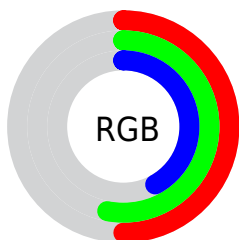
Format	Color
<a href="#">RYB</a>	<a href="#">108, 134, 115</a>
Decimal	<a href="#">8357484</a>
CIELab	<a href="#">54.70, -7.44, 13.15</a>
CIELCh	<a href="#">55, 15.115, 119.507</a>
Yxy	<a href="#">22.6449, 0.3323, 0.3766</a>
Android (android.graphics.Color)	<a href="#">4286547564</a> (0xFF7F866C)
YUV	<a href="#">128.9430, -10.3249, -1.7040</a>
Hunter-Lab	<a href="#">47.5867, -8.3147, 11.5006</a>

# Details

The Android color `4286547564` is a dark color, and the websafe version is hex `999966`. A complement of this color would be `4285754502`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4290034591`, and `4283323452` is the 20% darker color. If you saturate the color by 10%, you get `4286285407`, and if you desaturate by 10%, it is `4286809721`.

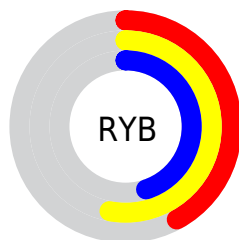
# Distribution



Red (50%)

Green (53%)

Blue (42%)



Red (42%)

Yellow (53%)

Blue (45%)

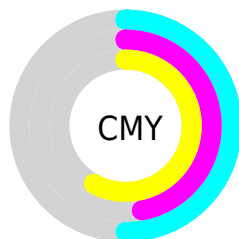


Cyan (5%)

Magenta (0%)

Yellow (19%)

Black (47%)



Cyan (50%)

Magenta (47%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286547564 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 4286547564 by changing the saturation by 10% instead.



 4286547564

 4286547564

4294967295

 4284902740

 4290034591

 4283323452

 4291811258

 4281810215

 4293718998

 4280363026

 4294967283

 4278653696

 4278190080

 4286547564

 4286547564

 4286285407

 4286809721

 4286088785

 4287006343

 4285826628

 4287268500

 4285630006

 4287465122

 4285367849

 4287727279

 4285105692

 4287989436

 4284909070

 4288186058

 4284646913

 4288448215

 4284646912

 4288644837

# Harmonies

## Analogous

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



4287464041



4286547564



4285565301

# Triad

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



4286547564



4284844185



4288510596

# Complementary

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



4286547564



4285754502

# 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.



4287921296



4286547564



4285826205

# Square

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



4286547564



4284517007



4286939290



4288576375

# Rectangle

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



4286547564



4285041278



4286939290



4288313992



# Sweetspot

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



4286547564



4289441187



4287001452



4283782993



4292269782



4283914071



# Same Dimension

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



4286547564



4288916870



4285695596



4282466876



4284449280



4278321920



# Inverse Universe

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



4285754502



4287661741



4286606470



4282203202



4280483970



4278255619



# Previews

## White Background



This preview shows how the Android color 4286547564 looks on a white background.

## Color Contrast Check

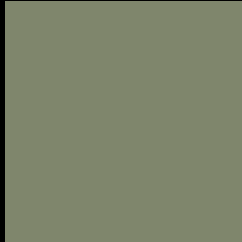
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4286547564 looks on a 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

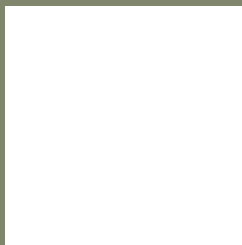
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286547564 Background



This preview shows how black text looks on a background with the Android color 4286547564.



This preview shows how white text looks on a background with the Android color 4286547564.

# 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**

4286547564

**Protanopia**

4287332970

**Deuteranopia**

4288118382



# Trichromacy



**Original Color**  
4286547564

**Protanomaly**  
4287071083

**Deuteranomaly**  
4287529325

**Tritanomaly**  
4286743424

# Monochromacy



**Original Color**  
4286547564

**Achromatopsia**  
4286677377

**Achromatomaly**  
4286612345

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286547564 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(127, 134, 108)` looks like.

```
.text, #text, p{  
    color:rgb(127, 134, 108)  
}
```

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(127, 134, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 134, 108) }
```

## Border

The CSS property to change the border of an element to Android 4286547564 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(127, 134, 108) }
```

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

```
.border{ border-color:rgb(127, 134, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 134, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 134, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 134, 108);  
box-shadow:4px 4px 4px 4px rgb(127, 134,  
108) }
```

# Background

The CSS property to change the background color of an element to Android 4286547564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 134, 108) }
```

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

```
.background{ background-color: rgb(127,  
134, 108) }
```

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