

# Converting Colors

Android(4282750824)

Have a look what the booklet for  
Android(4282750824) contains.

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# Color

**Android(4282750824)**

# Conversions

## Conversions Part 1

Format	Color
Hex	459768
RGB	69, 151, 104
RGB Percent	27%, 59%, 41%
CMY	0.7294, 0.4078, 0.5922
CMYK	0.54, 0.00, 0.31, 0.41
HSL	146°, 37%, 43%
HSV	146°, 54%, 59%
XYZ	16.0195, 24.3979, 16.9617
YIQ	121.1240, -33.7850, -32.0010

# Conversions

## Conversions Part 2

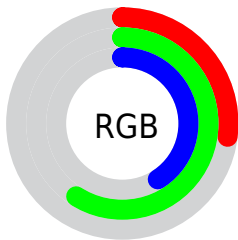
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 126, 151
Decimal	4560744
CIELab	56.48, -36.24, 17.36
CIElCh	56, 40.184, 154.406
Yxy	24.3979, 0.2792, 0.4252
Android (android.graphics.Color)	4282750824 (0xFF459768)
YUV	121.1240, -8.4421, -45.7127
Hunter-Lab	49.3942, -28.5488, 14.2162

# Details


The Android color `4282750824` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288103796`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4286303899`, and `4278215481` is the 20% darker color. If you saturate the color by 10%, you get `4281767775`, and if you desaturate by 10%, it is `4283733873`.

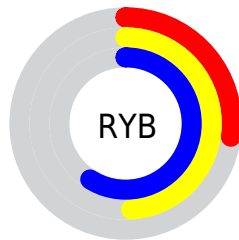
# Distribution



 Red (27%)

 Green (59%)

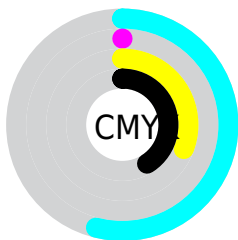
 Blue (41%)




 Red (27%)

 Yellow (49%)

 Blue (59%)

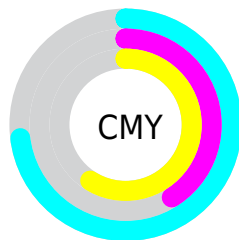



 Cyan (54%)


 Magenta (0%)

 Yellow (31%)

 Black (41%)



 Cyan (73%)

 Magenta (41%)

 Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282750824 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 4282750824 by changing the saturation by 10% instead.





4282750824



4282750824

4294967295



4280909136



4286303899



4278215481



4288146102



4278209315



4289986514



4278203149



4291821550



4278198016



4293722111



4278190080



4282750824



4282750824



4281767775



4283733873



4280784727



4284716921

■ 4279801678

■ 4285699970

■ 4278818629

■ 4286683019

■ 4278228800

■ 4287731603

■ 4288714652

■ 4289697701

■ 4290680749

■ 4291663798

# Harmonies

## Analogous

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



4285763916



4282750824



4278229388

# Triad

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



4282750824



4283861453



4291260258

# Complementary

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



4282750824



4288103796

# 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.



4291390084



4282750824



4287724737

# Square

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



4282750824



4278227910



4290212006



4290083657

# Rectangle

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



4282750824



4278229411



4290212006



4291390828



# Sweetspot

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



4282750824



4289053874



4285896517



4283523929



4293125091



4284703587



# Same Dimension

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



4282750824



4282762363



4282750864



4282731848



4278225980



4278193413



# Inverse Universe

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



4288103796



4291052942



4288103756



4283254089



4287365200



4279042055



# Previews

## White Background



This preview shows how the Android color 4282750824 looks on a white background.

## Color Contrast Check

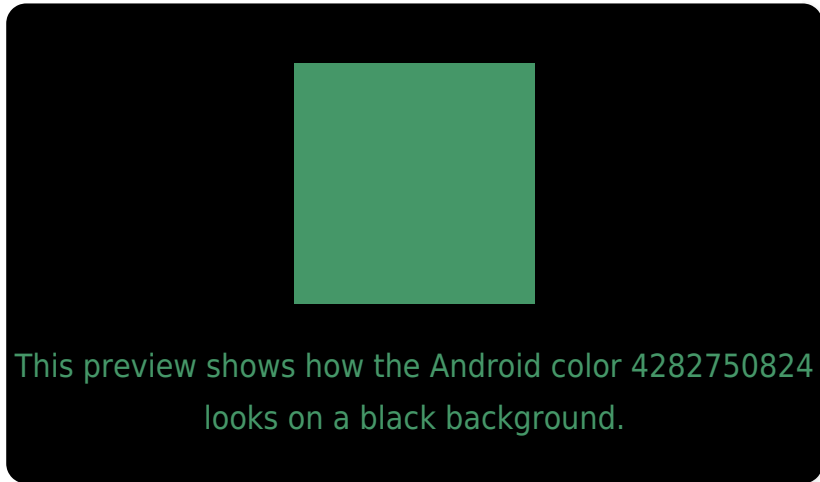
Large Text (above 18pt) WCAG AA ✓ Pass

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

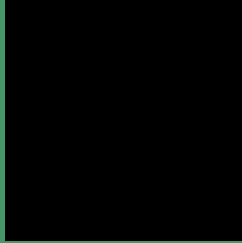
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4282750824 Background



This preview shows how black text looks on a background with the Android color 4282750824.



This preview shows how white text looks on a background with the Android color 4282750824.

# 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**

4282750824

**Protanopia**

4287727457

**Deuteranopia**

4288512365



# Trichromacy



**Original Color**

4282750824



**Protanomaly**

4285893988



**Deuteranomaly**

4286417259



**Tritanomaly**

4283405193

# Monochromacy



**Original Color**

4282750824



**Achromatopsia**

4286151033



**Achromatomaly**

4284908659

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282750824 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(69, 151, 104)` looks like.

```
.text, #text, p{  
    color:rgb(69, 151, 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(69, 151, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 151, 104) }
```

## Border

The CSS property to change the border of an element to Android 4282750824 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(69, 151, 104) }
```

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

```
.border{ border-color:rgb(69, 151, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 151, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 151, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 151, 104);  
box-shadow:4px 4px 4px 4px rgb(69, 151,  
104) }
```

# Background

The CSS property to change the background color of an element to Android 4282750824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 151, 104) }
```

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

```
.background{ background-color: rgb(69, 151,  
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](#).



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