

# Converting Colors

Android(4282405968)

Have a look what the booklet for  
Android(4282405968) contains.

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# Color

**Android(4282405968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	405450
RGB	64, 84, 80
RGB Percent	25%, 33%, 31%
CMY	0.7490, 0.6706, 0.6863
CMYK	0.24, 0.00, 0.05, 0.67
HSL	168°, 14%, 29%
HSV	168°, 24%, 33%
XYZ	6.7326, 8.0098, 8.7806
YIQ	77.5640, -10.6360, -5.4840

# Conversions

## Conversions Part 2

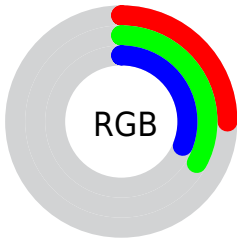
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">64, 75, 84</a>
Decimal	<a href="#">4215888</a>
CIELab	<a href="#">34.00, -8.65, -0.19</a>
CIElCh	<a href="#">34, 8.654, 181.291</a>
Yxy	<a href="#">8.0098, 0.2862, 0.3405</a>
Android (android.graphics.Color)	<a href="#">4282405968</a> ( <a href="#">0xFF405450</a> )
YUV	<a href="#">77.5640, 1.2009, -11.8956</a>
Hunter-Lab	<a href="#">28.3016, -7.0647, 1.4163</a>

# Details

The Android color `4282405968` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4283711556`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4285564545`, and `4279510820` is the 20% darker color. If you saturate the color by 10%, you get `4281881678`, and if you desaturate by 10%, it is `4282930258`.

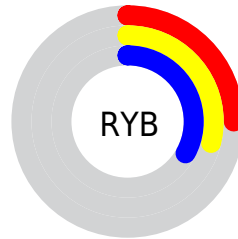
# Distribution



Red (25%)

Green (33%)

Blue (31%)



Red (25%)

Yellow (29%)

Blue (33%)

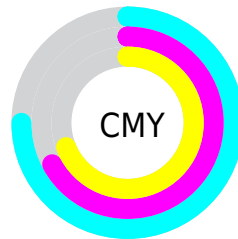


Cyan (24%)

Magenta (0%)

Yellow (5%)

Black (67%)



Cyan (75%)

Magenta (67%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282405968 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 4282405968 by changing the saturation by 10% instead.





4282405968



4282405968

4294967295



4280958265



4285564545



4279510820



4287275163



4278194958



4288986038



4278190080



4290762450



4292604910



4294508543



4282405968



4282405968



4281881678



4282930258

■ 4281291853

■ 4283520083

■ 4280767563

■ 4284044373

■ 4280177737

■ 4284634199

■ 4279653448

■ 4285158488

■ 4279129158

■ 4285682778

■ 4278539332

■ 4286272604

■ 4278211651

■ 4286796893

■ 4287386719

# Harmonies

## Analogous

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



4282798921



4282405968



4282274903

# Triad

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



4282405968



4283584092



4284173636

# Complementary

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



4282405968



4283711556

# 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.



4284369993



4282405968



4284042327

# Square

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



4282405968



4282994782



4284369744



4283781186

# Rectangle

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



4282405968



4282405722



4284369744



4284304710



# Sweetspot

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



4282405968



4284903020



4282668096



4281612343



4290295992



4281874488



# Same Dimension

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



4282405968



4283330151



4282404436



4280625448



4278217044



4278249658



# Inverse Universe

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



4283711556



4285419092



4283713088



4280886566



4285071381



4293394478



# Previews

## White Background



This preview shows how the Android color 4282405968 looks on a white background.

## Color Contrast Check

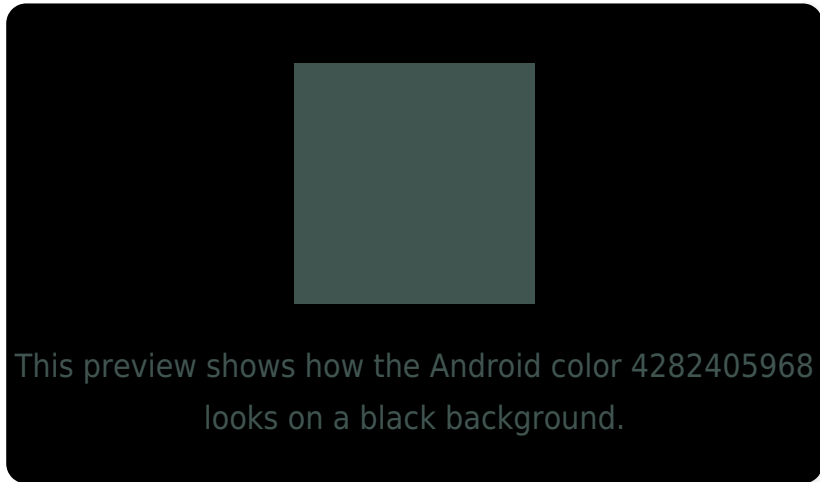
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



# Android 4282405968 Background



This preview shows how black text looks on a background with the Android color 4282405968.



This preview shows how white text looks on a background with the Android color 4282405968.

# 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



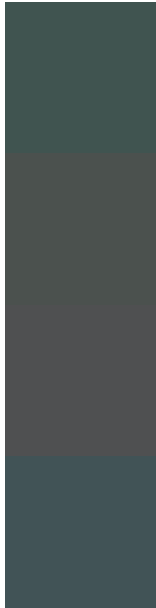
**Original Color**  
4282405968

**Protanopia**  
4283584333

**Deuteranopia**  
4283911505



# Trichromacy



**Original Color**

4282405968

**Protanomaly**

4283126094

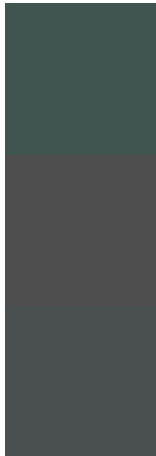
**Deuteranomaly**

4283387985

**Tritanomaly**

4282471254

# Monochromacy



**Original Color**

4282405968

**Achromatopsia**

4283321934

**Achromatomaly**

4282994767

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282405968 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(64, 84, 80)` looks like.

```
.text, #text, p{  
    color:rgb(64, 84, 80)  
}
```

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(64, 84, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 84, 80) }
```

## Border

The CSS property to change the border of an element to Android 4282405968 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(64, 84, 80) }
```

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

```
.border{ border-color:rgb(64, 84, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 84, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 84, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 84, 80);  
box-shadow:4px 4px 4px 4px rgb(64, 84, 80)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282405968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 84, 80) }
```

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

```
.background{ background-color: rgb(64, 84,  
80) }
```

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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