

# Converting Colors

Android(4280376408)

Have a look what the booklet for  
Android(4280376408) contains.

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# Color

**Android(4280376408)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	215C58
RGB	33, 92, 88
RGB Percent	13%, 36%, 35%
CMY	0.8706, 0.6392, 0.6549
CMYK	0.64, 0.00, 0.04, 0.64
HSL	176°, 47%, 25%
HSV	176°, 64%, 36%
XYZ	6.2158, 8.6822, 10.5807
YIQ	73.9030, -33.8800, -13.7520

# Conversions

## Conversions Part 2

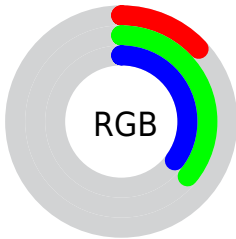
Format	Color
<b>R<sub>YB</sub></b>	33, 64, 92
Decimal	2186328
CIE Lab	35.37, -19.96, -3.39
CIE LCh	35, 20.242, 189.638
Yxy	8.6822, 0.2440, 0.3408
Android (android.graphics.Color)	4280376408 (0xFF215C58)
YUV	73.9030, 6.9498, -35.8719
Hunter-Lab	29.4656, -13.9100, -0.6644

# Details

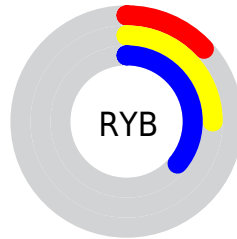
The Android color `4280376408` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284227877`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4283797386`, and `4278201899` is the 20% darker color. If you saturate the color by 10%, you get `4279786583`, and if you desaturate by 10%, it is `4280966233`.

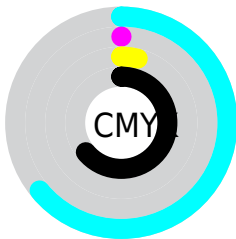
# Distribution



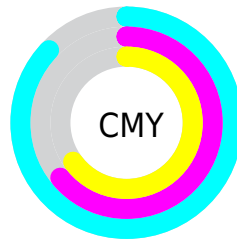
- Red (13%)
- Green (36%)
- Blue (35%)



- Red (13%)
- Yellow (25%)
- Blue (36%)



- Cyan (64%)
- Magenta (0%)
- Yellow (4%)
- Black (64%)



- Cyan (87%)
- Magenta (64%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280376408 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 4280376408 by changing the saturation by 10% instead.



 4280376408

 4280376408

4294967295

 4278207553

 4283797386

 4278201899

 4285508004

 4278197014

 4287284415

 4278190080

 4289061339

 4290903543

 4292739071

 4294639615

 4280376408

 4280376408

■ 4279786583

■ 4280966233

■ 4279196759

■ 4281556057

■ 4278541398

■ 4282211418

■ 4278213718

■ 4282801242

■ 4283391067

■ 4283980892

■ 4284570716

■ 4285226077

■ 4285815902

# Harmonies

## Analogous

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



4281621319



4280376408



4279917415

# Triad

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



4280376408



4284239212



4285025845

# Complementary

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



4280376408



4284227877

# 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.



4285614399



4280376408



4285286495

# Square

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



4280376408



4282733427



4285744974



4284044339

# Rectangle

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



4280376408



4280572271



4285744974



4285222200



# Sweetspot

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



4280376408



4284577910



4280704033



4281285948



4290624957



4282203453



# Same Dimension

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



4280376408



4280055922



4280370012



4280888878



4278218342



4278250973



# Inverse Universe

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



4284227877



4286061602



4284234273



4281215274



4285399047



4293722128



# Previews

## White Background



This preview shows how the Android color 4280376408 looks on a white background.

## Color Contrast Check

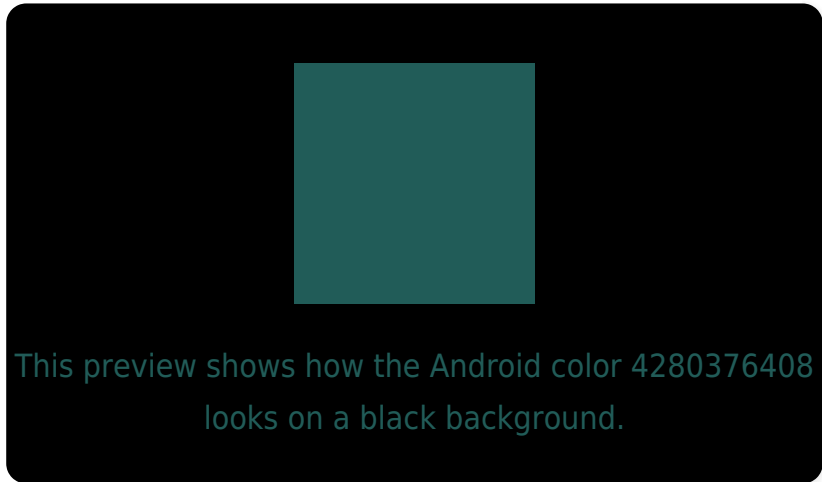
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280376408 Background



This preview shows how black text looks on a background with the Android color 4280376408.



This preview shows how white text looks on a background with the Android color 4280376408.

# 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**

4280376408

**Protanopia**

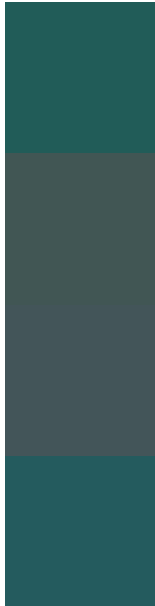
4283716178

**Deuteranopia**

4283912538



# Trichromacy



**Original Color**

4280376408

**Protanomaly**

4282472020

**Deuteranomaly**

4282602841

**Tritanomaly**

4280572766

# Monochromacy



**Original Color**

4280376408

**Achromatopsia**

4283058762

**Achromatomaly**

4282077519

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280376408 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(33, 92, 88)` looks like.

```
.text, #text, p{  
    color:rgb(33, 92, 88)  
}
```

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(33, 92, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 92, 88) }
```

## Border

The CSS property to change the border of an element to Android 4280376408 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(33, 92, 88) }
```

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

```
.border{ border-color:rgb(33, 92, 88) }
```

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

Here you see how a box with a 4 pixel rgb(33, 92, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 92, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 92, 88);  
box-shadow:4px 4px 4px 4px rgb(33, 92, 88)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280376408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 92, 88) }
```

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

```
.background{ background-color: rgb(33, 92,  
88) }
```

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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