

# Converting Colors

Android(4280707410)

Have a look what the booklet for  
Android(4280707410) contains.

<b>Android(4280707410)</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(4280707410)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	266952
RGB	38, 105, 82
RGB Percent	15%, 41%, 32%
CMY	0.8510, 0.5882, 0.6784
CMYK	0.64, 0.00, 0.22, 0.59
HSL	159°, 47%, 28%
HSV	159°, 64%, 41%
XYZ	7.3739, 11.1244, 9.7412
YIQ	82.3450, -32.5490, -21.3570

# Conversions

## Conversions Part 2

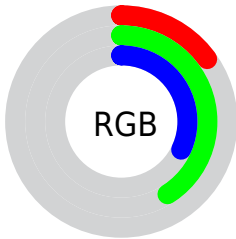
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 78, 105
Decimal	2517330
CIE <sub>Lab</sub>	39.79, -27.22, 6.74
CIE <sub>LCh</sub>	40, 28.042, 166.097
Yxy	11.1244, 0.2611, 0.3939
Android (android.graphics.Color)	4280707410 (0xFF266952)
YUV	82.3450, -0.1701, -38.8906
Hunter-Lab	33.3533, -18.9047, 6.0309

# Details

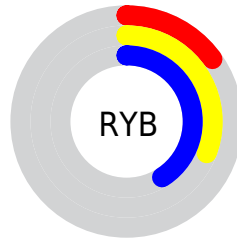
The Android color **4280707410** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285081149**, and the grayscale version is **4283585106**.

A 20% lighter version of the original color is **4284194179**, and **4278204709** is the 20% darker color. If you saturate the color by 10%, you get **4280052046**, and if you desaturate by 10%, it is **4281428310**.

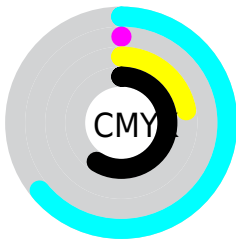
# Distribution



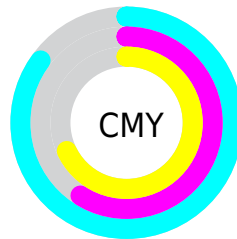
- Red (15%)
- Green (41%)
- Blue (32%)



- Red (15%)
- Yellow (31%)
- Blue (41%)



- Cyan (64%)
- Magenta (0%)
- Yellow (22%)
- Black (59%)



- Cyan (85%)
- Magenta (59%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280707410 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 4280707410 by changing the saturation by 10% instead.



 4280707410

 4280707410

4294967295

 4278472763

 4284194179

 4278204709

 4285905053

 4278199313

 4287681720

 4278190080

 4289458388

 4291297264

 4293197823

 4280707410

 4280707410

 4280052046

 4281428310

■ 4279331147

■ 4282083673

■ 4278675783

■ 4282804573

■ 4278217029

■ 4283459936

■ 4284180836

■ 4284836200

■ 4285557099

■ 4286212463

■ 4286867826

# Harmonies

## Analogous

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



4282803773



4280707410



4278217322

# Triad

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



4280707410



4283456650



4286861630

# Complementary

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



4280707410



4285081149

# 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.



4287253586



4280707410



4285551486

# Square

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



4280707410



4280443786



4286795113



4285880625

# Rectangle

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



4280707410



4278217080



4286795113



4287057732



# Sweetspot

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



4280707410



4285565569



4282214694



4281681215



4291085508



4282729797



# Same Dimension

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



4280707410



4280322661



4280704873



4281349684



4278220109



4278252961



# Inverse Universe

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



4285081149



4287242308



4285083686



4281741362



4285857832

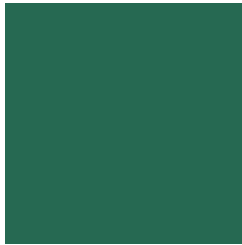


4294246484



# Previews

## White Background



This preview shows how the Android color 4280707410 looks on a white background.

## Color Contrast Check

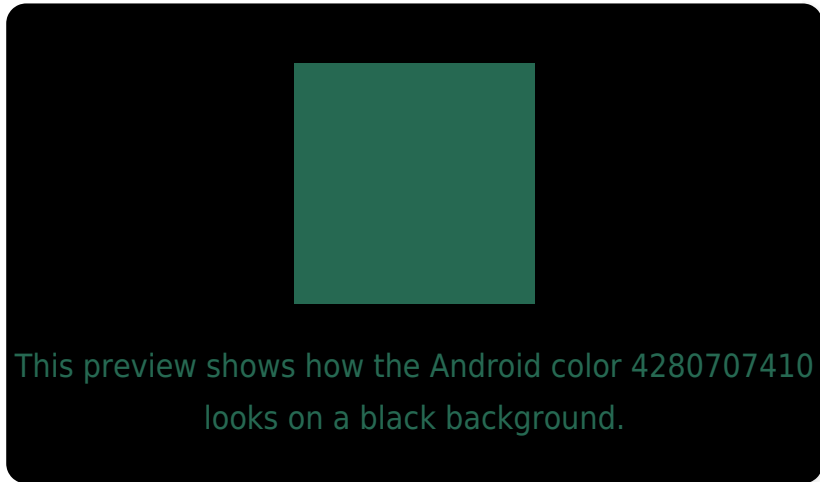
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

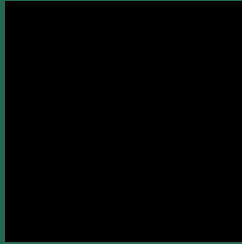
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280707410 Background



This preview shows how black text looks on a background with the Android color 4280707410.

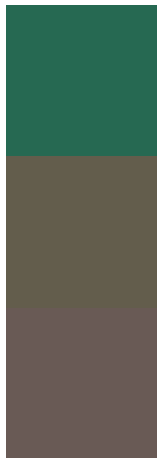


This preview shows how white text looks on a background with the Android color 4280707410.

# 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**  
4280707410

**Protanopia**  
4284702028

**Deuteranopia**  
4285094485



# Trichromacy



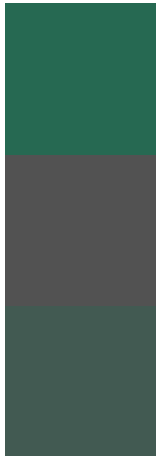
**Original Color**  
4280707410

**Protanomaly**  
4283261262

**Deuteranomaly**  
4283522900

**Tritanomaly**  
4281099875

# Monochromacy



**Original Color**  
4280707410

**Achromatopsia**  
4283585106

**Achromatomaly**  
4282538578

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280707410 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(38, 105, 82)` looks like.

```
.text, #text, p{  
    color:rgb(38, 105, 82)  
}
```

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(38, 105, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 105, 82) }
```

## Border

The CSS property to change the border of an element to Android 4280707410 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(38, 105, 82) }
```

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

```
.border{ border-color:rgb(38, 105, 82) }
```

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

Here you see how a box with a 4 pixel rgb(38, 105, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 105, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 105, 82);  
box-shadow:4px 4px 4px 4px rgb(38, 105,  
82) }
```

# Background

The CSS property to change the background color of an element to Android 4280707410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 105, 82) }
```

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

```
.background{ background-color: rgb(38, 105,  
82) }
```

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