

# Converting Colors

Android(4280576608)

Have a look what the booklet for  
Android(4280576608) contains.

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# Color

**Android(4280576608)**

# Conversions

## Conversions Part 1

Format	Color
Hex	246A60
RGB	36, 106, 96
RGB Percent	14%, 42%, 38%
CMY	0.8588, 0.5843, 0.6235
CMYK	0.66, 0.00, 0.09, 0.58
HSL	171°, 49%, 28%
HSV	171°, 66%, 42%
XYZ	7.9929, 11.5277, 12.8701
YIQ	83.9300, -38.5100, -17.9500

# Conversions

## Conversions Part 2

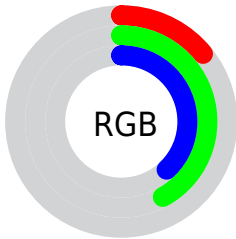
Format	Color
<a href="#">RYB</a>	<a href="#">36, 74, 106</a>
Decimal	<a href="#">2386528</a>
CIELab	<a href="#">40.46, -24.28, -0.82</a>
CIELCh	<a href="#">40, 24.298, 181.925</a>
Yxy	<a href="#">11.5277, 0.2468, 0.3559</a>
Android (android.graphics.Color)	<a href="#">4280576608</a> ( <a href="#">0xFF246A60</a> )
YUV	<a href="#">83.9300, 5.9505, -42.0346</a>
Hunter-Lab	<a href="#">33.9524, -17.3951, 1.2920</a>

# Details

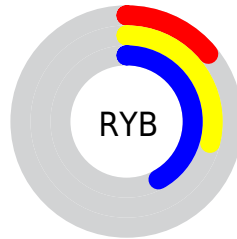
The Android color `4280576608` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285146158`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4284128914`, and `4278204978` is the 20% darker color. If you saturate the color by 10%, you get `4279855710`, and if you desaturate by 10%, it is `4281297506`.

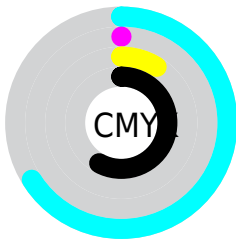
# Distribution



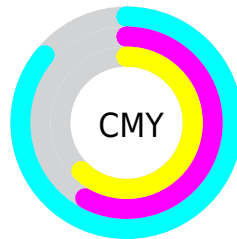
- Red (14%)
- Green (42%)
- Blue (38%)



- Red (14%)
- Yellow (29%)
- Blue (42%)



- Cyan (66%)
- Magenta (0%)
- Yellow (9%)
- Black (58%)



- Cyan (86%)
- Magenta (58%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280576608 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 4280576608 by changing the saturation by 10% instead.



 4280576608

 4280576608

4294967295

 4278211144

 4284128914

 4278204978

 4285905325

 4278199325

 4287681992

 4278190852

 4289458660

 4278190080


 4291297279

 4293197823

 4280576608

 4280576608

 4279855710

 4281297506

■ 4279200349

■ 4281952867

■ 4278479451

■ 4282673765

■ 4278217307

■ 4283329126

■ 4284050024

■ 4284770921

■ 4285426283

■ 4286147180

■ 4286802542

# Harmonies

## Analogous

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



4282345548



4280576608



4279134580

# Triad

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



4280576608



4284701313



4286339133

# Complementary

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



4280576608



4285146158

# 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.



4286927435



4280576608



4286141298

# Square

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



4280576608



4282737031



4286926943



4285226807

# Rectangle

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



4280576608



4279789694



4286926943



4286600513



# Sweetspot

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



4280576608



4285434502



4281231908



4281615682



4291085508



4282729797



# Same Dimension

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



4280576608



4280126074



4280570474



4281349685



4278220133



4278253010



# Inverse Universe

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



4285146158



4287241516



4285152548



4281741361



4285857809



4294246435



# Previews

## White Background



This preview shows how the Android color 4280576608 looks on a white background.

## Color Contrast Check

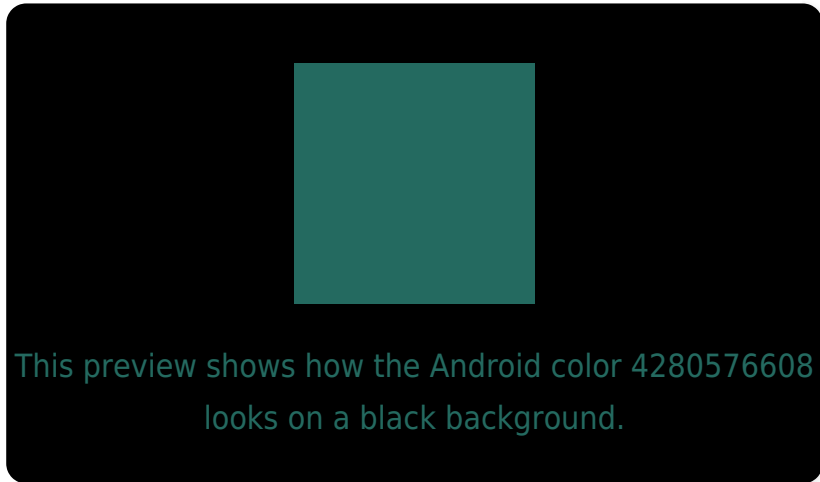
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280576608 Background



This preview shows how black text looks on a background with the Android color 4280576608.



This preview shows how white text looks on a background with the Android color 4280576608.

# 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**

4280576608

**Protanopia**

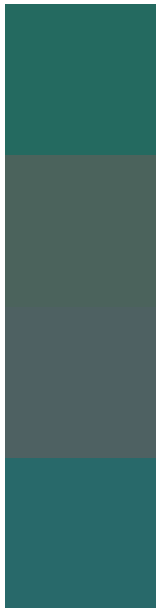
4284637018

**Deuteranopia**

4284898403



# Trichromacy



**Original Color**

4280576608

**Protanomaly**

4283130716

**Deuteranomaly**

4283326818

**Tritanomaly**

4280838506

# Monochromacy



**Original Color**

4280576608

**Achromatopsia**

4283716692

**Achromatomaly**

4282604632

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280576608 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(36, 106, 96)` looks like.

```
.text, #text, p{  
    color:rgb(36, 106, 96)  
}
```

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(36, 106, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 106, 96) }
```

## Border

The CSS property to change the border of an element to Android 4280576608 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(36, 106, 96) }
```

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

```
.border{ border-color:rgb(36, 106, 96) }
```

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

Here you see how a box with a 4 pixel rgb(36, 106, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 106, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 106, 96);  
box-shadow:4px 4px 4px 4px rgb(36, 106,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4280576608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 106, 96) }
```

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

```
.background{ background-color: rgb(36, 106,  
96) }
```

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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