

# Converting Colors

Android(4280512598)

Have a look what the booklet for  
Android(4280512598) contains.

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# Color

**Android(4280512598)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	237056
RGB	35, 112, 86
RGB Percent	14%, 44%, 34%
CMY	0.8627, 0.5608, 0.6627
CMYK	0.69, 0.00, 0.23, 0.56
HSL	160°, 52%, 29%
HSV	160°, 69%, 44%
XYZ	8.1670, 12.6176, 10.8091
YIQ	86.0130, -37.5460, -24.4100

# Conversions

## Conversions Part 2

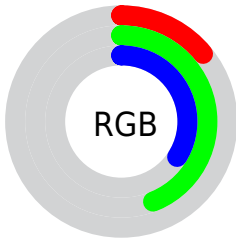
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 81, 112
Decimal	2322518
CIE <sub>Lab</sub>	42.18, -30.14, 7.71
CIE <sub>LCh</sub>	42, 31.114, 165.659
Yxy	12.6176, 0.2585, 0.3994
Android (android.graphics.Color)	4280512598 (0xFF237056)
YUV	86.0130, -0.0064, -44.7384
Hunter-Lab	35.5212, -21.1214, 6.8229

# Details

The Android color **4280512598** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4285539133**, and the grayscale version is **4283848278**.

A 20% lighter version of the original color is **4284130440**, and **4278206249** is the 20% darker color. If you saturate the color by 10%, you get **4279791698**, and if you desaturate by 10%, it is **4281233498**.

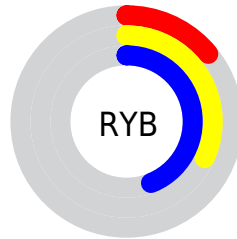
# Distribution



Red (14%)

Green (44%)

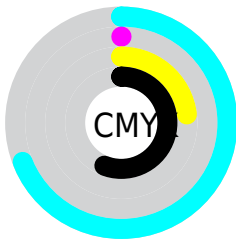
Blue (34%)



Red (14%)

Yellow (32%)

Blue (44%)

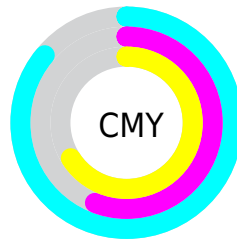


Cyan (69%)

Magenta (0%)

Yellow (23%)

Black (56%)



Cyan (86%)

Magenta (56%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280512598 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 4280512598 by changing the saturation by 10% instead.





4280512598



4280512598

4294967295



4278212415



4284130440



4278206249



4285907106



4278200596



4287683773



4278193664



4289460441



4278190080



4291362805



4293197823



4280512598



4280512598



4279791698



4281233498

■ 4279070798

■ 4281954398

■ 4278284363

■ 4282740833

■ 4278218826

■ 4283461733

■ 4284182633

■ 4284903533

■ 4285624432

■ 4286410868

■ 4287131768

# Harmonies

## Analogous

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



4283002175



4280512598



4278219121

# Triad

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



4280512598



4283589269



4287518016

# Complementary

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



4280512598



4285539133

# 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.



4287975255



4280512598



4286011528

# Square

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



4280512598



4279790229



4287451249



4286471729

# Rectangle

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



4280512598



4278218881



4287451249



4287779399



# Sweetspot

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



4280512598



4285763975



4282282019



4281813572



4291414473



4283058762



# Same Dimension

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



4280512598



4279865705



4280509552



4281481270



4278220879



4278253476



# Inverse Universe

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



4285539133



4287699265



4285542179



4281872948



4286054440



4294377556



# Previews

## White Background



This preview shows how the Android color 4280512598 looks on a white background.

## Color Contrast Check

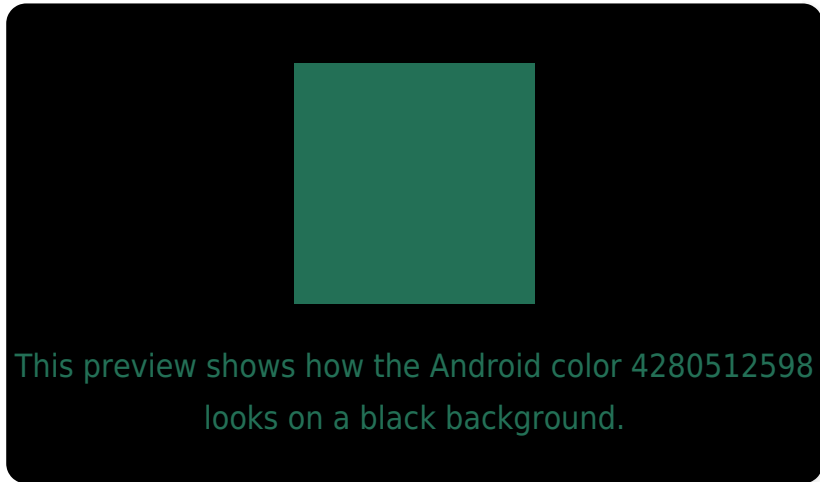
Large Text (above 18pt) WCAG AA ✓ Pass

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

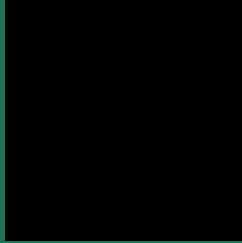
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280512598 Background



This preview shows how black text looks on a background with the Android color 4280512598.



This preview shows how white text looks on a background with the Android color 4280512598.

# 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**

4280512598

**Protanopia**

4285096784

**Deuteranopia**

4285554778



# Trichromacy



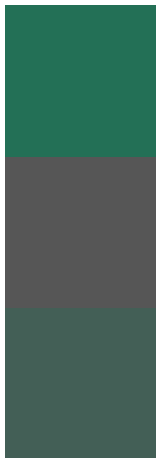
**Original Color**  
4280512598

**Protanomaly**  
4283459666

**Deuteranomaly**  
4283721305

**Tritanomaly**  
4281036138

# Monochromacy



**Original Color**  
4280512598

**Achromatopsia**  
4283848278

**Achromatomaly**  
4282605398

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280512598 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(35, 112, 86)` looks like.

```
.text, #text, p{  
    color:rgb(35, 112, 86)  
}
```

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(35, 112, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 112, 86) }
```

## Border

The CSS property to change the border of an element to Android 4280512598 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(35, 112, 86) }
```

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

```
.border{ border-color:rgb(35, 112, 86) }
```

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

Here you see how a box with a 4 pixel rgb(35, 112, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 112, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 112, 86);  
box-shadow:4px 4px 4px 4px rgb(35, 112,  
86) }
```

# Background

The CSS property to change the background color of an element to Android 4280512598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 112, 86) }
```

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

```
.background{ background-color: rgb(35, 112,  
86) }
```

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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