

# Converting Colors

Android(4280637779)

Have a look what the booklet for  
Android(4280637779) contains.

<b>Android(4280637779)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4280637779)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	255953
RGB	37, 89, 83
RGB Percent	15%, 35%, 33%
CMY	0.8549, 0.6510, 0.6745
CMYK	0.58, 0.00, 0.07, 0.65
HSL	173°, 41%, 25%
HSV	173°, 58%, 35%
XYZ	5.8967, 8.1626, 9.4484
YIQ	72.7680, -29.0660, -12.8900

# Conversions

## Conversions Part 2

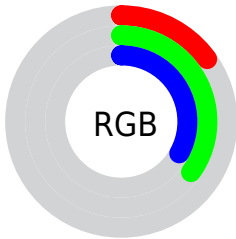
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 65, 89
Decimal	2447699
CIE <sub>Lab</sub>	34.32, -18.96, -1.79
CIE <sub>LCh</sub>	34, 19.041, 185.386
Yxy	8.1626, 0.2508, 0.3472
Android (android.graphics.Color)	4280637779 (0xFF255953)
YUV	72.7680, 5.0444, -31.3685
Hunter-Lab	28.5703, -13.1571, 0.3916

# Details

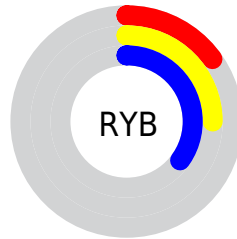
The Android color **4280637779** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4284032299**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4283992964**, and **4278201126** is the 20% darker color. If you saturate the color by 10%, you get **4280047954**, and if you desaturate by 10%, it is **4281227604**.

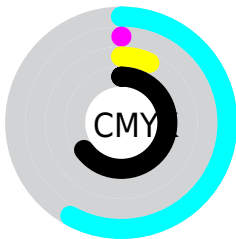
# Distribution



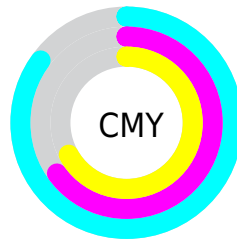
- Red (15%)
- Green (35%)
- Blue (33%)



- Red (15%)
- Yellow (25%)
- Blue (35%)



- Cyan (58%)
- Magenta (0%)
- Yellow (7%)
- Black (65%)



- Cyan (85%)
- Magenta (65%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280637779 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 4280637779 by changing the saturation by 10% instead.





4280637779



4280637779

4294967295



4278731068



4283992964



4278201126



4285638302



4278196242



4287414713



4278190080



4289191381



4290968305



4292870143



4294770687



4280637779



4280637779

■ 4280047954

■ 4281227604

■ 4279458129

■ 4281817429

■ 4278868304

■ 4282407254

■ 4278278479

■ 4282997079

■ 4278212943

■ 4283586904

■ 4284111193

■ 4284701018

■ 4285290843

■ 4285880668

# Harmonies

## Analogous

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



4281751620



4280637779



4280113250

# Triad

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



4280637779



4283845737



4284894006

# Complementary

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



4280637779



4284032299

# 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.



4285351744



4280637779



4284893022

# Square

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



4280637779



4282405231



4285416782



4283978034

# Rectangle

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



4280637779



4280571753



4285416782



4285090360



# Sweetspot

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



4280637779



4284380016



4281030949



4281219897



4290427578



4282071867



# Same Dimension

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



4280637779



4280447849



4280632665



4280757035



4278217567



4278250448



# Inverse Universe

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



4284032299



4285735468



4284037413



4281018152



4285202444



4293591067



# Previews

## White Background



This preview shows how the Android color 4280637779 looks on a white background.

## Color Contrast Check

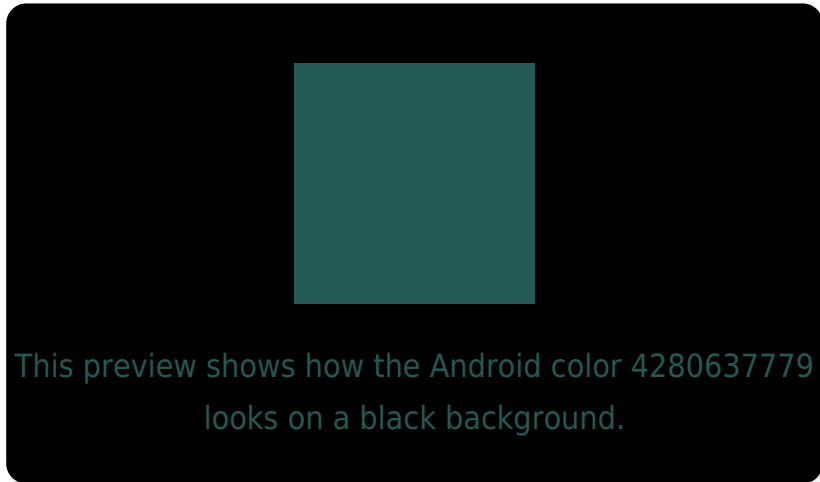
Large Text (above 18pt) WCAG AA ✓ Pass

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

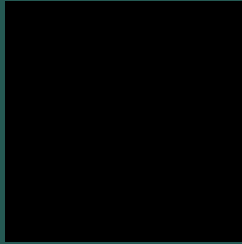
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280637779 Background



This preview shows how black text looks on a background with the Android color 4280637779.



This preview shows how white text looks on a background with the Android color 4280637779.

# 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**  
4280637779

**Protanopia**  
4283584590

**Deuteranopia**  
4283846229



# Trichromacy



**Original Color**

4280637779

**Protanomaly**

4282536784

**Deuteranomaly**

4282667604

**Tritanomaly**

4280834138

# Monochromacy



**Original Color**

4280637779

**Achromatopsia**

4282992969

**Achromatomaly**

4282142541

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280637779 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(37, 89, 83)` looks like.

```
.text, #text, p{  
    color:rgb(37, 89, 83)  
}
```

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(37, 89, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 89, 83) }
```

## Border

The CSS property to change the border of an element to Android 4280637779 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(37, 89, 83) }
```

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

```
.border{ border-color:rgb(37, 89, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 89, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 89, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 89, 83);  
box-shadow:4px 4px 4px 4px rgb(37, 89, 83)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280637779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 89, 83) }
```

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

```
.background{ background-color: rgb(37, 89,  
83) }
```

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