

# Converting Colors

Android(4280829011)

Have a look what the booklet for  
Android(4280829011) contains.

<b>Android(4280829011)</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(4280829011)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	284453
RGB	40, 68, 83
RGB Percent	16%, 27%, 33%
CMY	0.8431, 0.7333, 0.6745
CMYK	0.52, 0.18, 0.00, 0.67
HSL	201°, 35%, 24%
HSV	201°, 52%, 33%
XYZ	4.5035, 5.2099, 8.9519
YIQ	61.3380, -21.5030, -1.2710

# Conversions

## Conversions Part 2

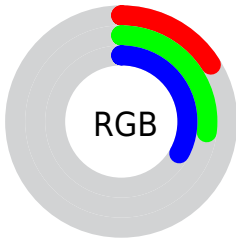
Format	Color
R <sub>Y</sub> B	40, 57, 83
Decimal	2638931
CIE Lab	27.32, -5.81, -12.27
CIE LCh	27, 13.576, 244.640
Yxy	5.2099, 0.2413, 0.2791
Android (android.graphics.Color)	4280829011 (0xFF284453)
YUV	61.3380, 10.6794, -18.7134
Hunter-Lab	22.8252, -4.7251, -7.2754




# Details

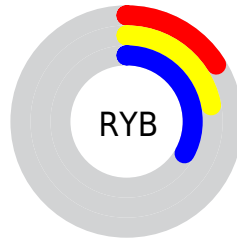
The Android color **4280829011** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4283643688**, and the grayscale version is **4282203453**.




A 20% lighter version of the original color is **4283987076**, and **4278196518** is the 20% darker color. If you saturate the color by 10%, you get **4280303955**, and if you desaturate by 10%, it is **4281354067**.

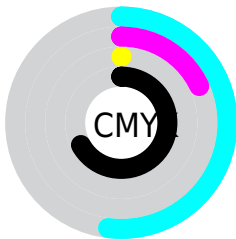
# Distribution







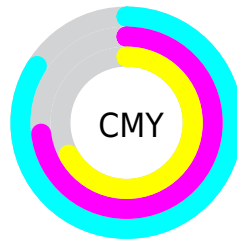
-  Red (16%)
-  Green (27%)
-  Blue (33%)






-  Red (16%)
-  Yellow (22%)
-  Blue (33%)



-  Cyan (52%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (84%)
-  Magenta (73%)
-  Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280829011 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 4280829011 by changing the saturation by 10% instead.





4280829011



4280829011

4294967295



4279250492



4283987076



4278196518



4285632159



4278190353



4287342778



4278190080



4289119189



4290961394



4292803839



4294705151



4280829011



4280829011

■ 4280303955

■ 4281354067

■ 4279713363

■ 4281944659

■ 4279188307

■ 4282469715

■ 4278663251

■ 4282994771

■ 4278203987

■ 4283585107

■ 4284110163

■ 4284635219

■ 4285160275

■ 4285750867

# Harmonies

## Analogous

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



4280370764



4280829011



4281745749

# Triad

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



4280829011



4283775295



4282073903

# Complementary

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



4280829011



4283643688

# 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.



4282794028



4280829011



4283775541

# Square

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



4280829011



4283382346



4283448622



4281288247

# Rectangle

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



4280829011



4282400595



4283448622



4282336045



# Sweetspot

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



4280829011



4284114283



4280832822



4281020982



4290098613



4281742902



# Same Dimension

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



4280829011



4280898667



4280823635



4280624937



4278207593



4278228968



# Inverse Universe

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



4283639876



4285213012



4283649064



4280886567



4285071428

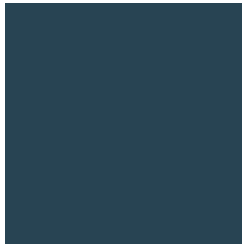


4293394583



# Previews

## White Background



This preview shows how the Android color 4280829011 looks on a white background.

## Color Contrast Check

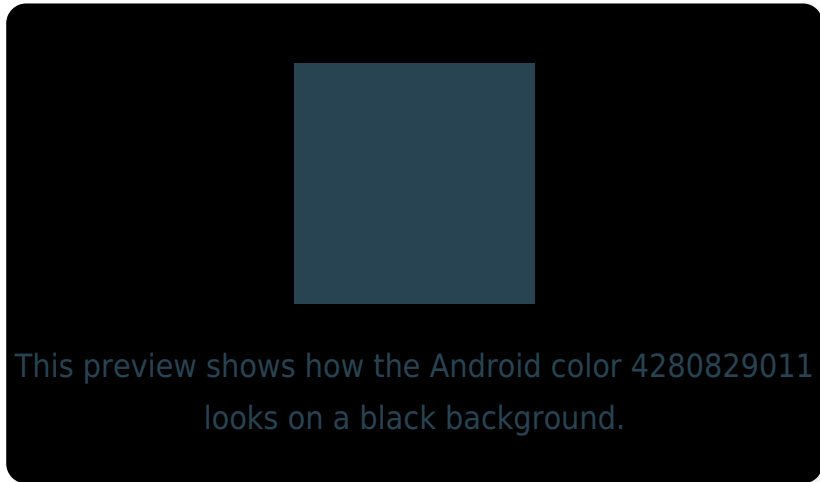
Large Text (above 18pt) WCAG AA ✓ Pass

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

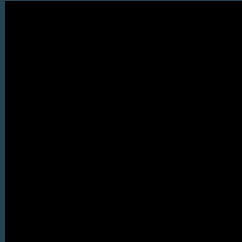
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280829011 Background



This preview shows how black text looks on a background with the Android color 4280829011.



This preview shows how white text looks on a background with the Android color 4280829011.

# 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**

4280829011

**Protanopia**

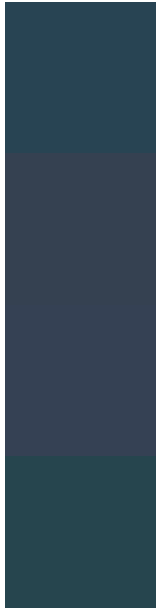
4282204240

**Deuteranopia**

4282138452



# Trichromacy



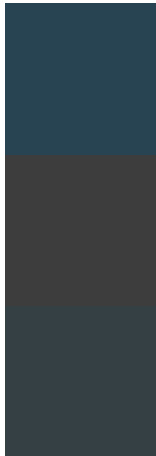
**Original Color**  
4280829011

**Protanomaly**  
4281680209

**Deuteranomaly**  
4281680212

**Tritanomaly**  
4280698190

# Monochromacy



**Original Color**  
4280829011

**Achromatopsia**  
4282203453

**Achromatomaly**  
4281679941

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280829011 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(40, 68, 83)` looks like.

```
.text, #text, p{  
    color:rgb(40, 68, 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(40, 68, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 68, 83) }
```

## Border

The CSS property to change the border of an element to Android 4280829011 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(40, 68, 83) }
```

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

```
.border{ border-color:rgb(40, 68, 83) }
```

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

Here you see how a box with a 4 pixel rgb(40, 68, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 68, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 68, 83);  
box-shadow:4px 4px 4px 4px rgb(40, 68, 83)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280829011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 68, 83) }
```

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

```
.background{ background-color: rgb(40, 68,  
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](#).



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