

# Converting Colors

Android(4280764806)

Have a look what the booklet for  
Android(4280764806) contains.

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# Color

**Android(4280764806)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	274986
RGB	39, 73, 134
RGB Percent	15%, 29%, 53%
CMY	0.8471, 0.7137, 0.4745
CMYK	0.71, 0.46, 0.00, 0.47
HSL	219°, 55%, 34%
HSV	219°, 71%, 53%
XYZ	7.5223, 6.9177, 23.4930
YIQ	69.7880, -39.8450, 11.7630

# Conversions

## Conversions Part 2

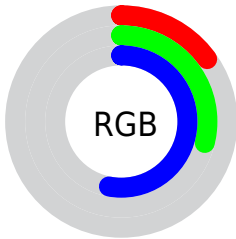
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 64, 134
Decimal	2574726
CIE <sub>Lab</sub>	31.62, 9.42, -37.86
CIE <sub>LCh</sub>	32, 39.009, 283.972
Yxy	6.9177, 0.1983, 0.1824
Android (android.graphics.Color)	4280764806 (0xFF274986)
YUV	69.7880, 31.6565, -27.0011
Hunter-Lab	26.3014, 5.0242, -34.5482




# Details

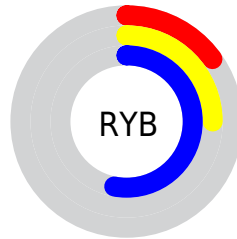
The Android color **4280764806** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4286997543**, and the grayscale version is **4282795590**.




A 20% lighter version of the original color is **4284512700**, and **4278197844** is the 20% darker color. If you saturate the color by 10%, you get **4279910534**, and if you desaturate by 10%, it is **4281619078**.

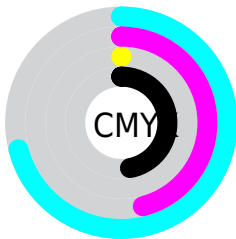
# Distribution







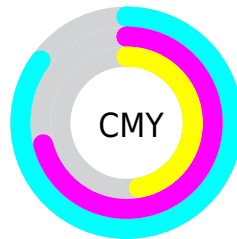
-  Red (15%)
-  Green (29%)
-  Blue (53%)






-  Red (15%)
-  Yellow (25%)
-  Blue (53%)



-  Cyan (71%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (85%)
-  Magenta (71%)
-  Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280764806 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 4280764806 by changing the saturation by 10% instead.



 4280764806

 4280764806

4294967295

 4278203244

 4284512700

 4278197844

 4286288856


 4278191164

 4288130548

 4278190630

 4289972735

 4278190350

 4291880447

 4278190080

 4293787647

 4280764806

 4280764806

 4279910534

 4281619078

■ 4278990982

■ 4282538630

■ 4278202502

■ 4283392902

■ 4284312454

■ 4285166726

■ 4286020998

■ 4286940550

■ 4287794822

■ 4288714374

# Harmonies

## Analogous

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



4278211205



4280764806



4284365943

# Triad

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



4280764806



4286199329



4278212664

# Complementary

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



4280764806



4286997543

# 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.



4280898587



4280764806



4284957450

# Square

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



4280764806



4286721341



4283190533



4278212952

# Rectangle

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



4280764806



4285674342



4283190533



4278212398



# Sweetspot

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



4280764806



4287207085



4280780387



4282468695



4292269782



4283914071



# Same Dimension

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



4280764806



4279914413



4281608070



4282138178



4278202242



4278190339



# Inverse Universe

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



4286981961



4289534543



4286154279



4282530878



4286709807



4278386689



# Previews

## White Background



This preview shows how the Android color 4280764806 looks on a white background.

## Color Contrast Check

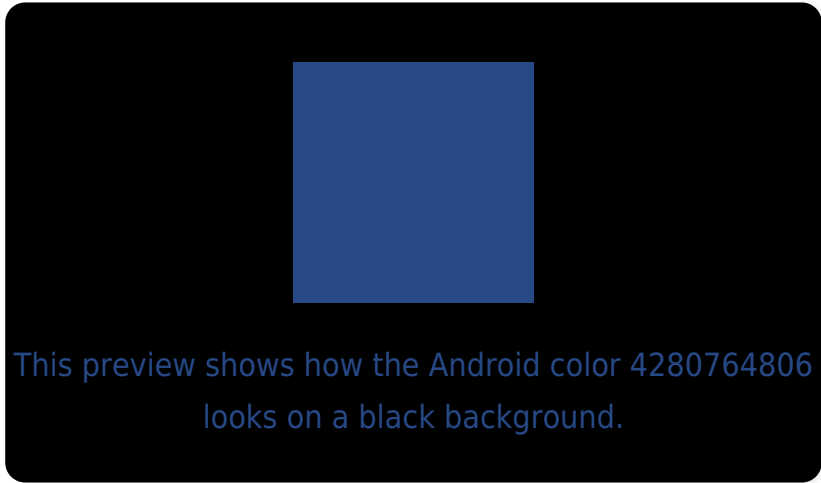
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280764806 Background



This preview shows how black text looks on a background with the Android color 4280764806.



This preview shows how white text looks on a background with the Android color 4280764806.

# 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**

4280764806

**Protanopia**

4281157765

**Deuteranopia**

4278995845



# Trichromacy



**Original Color**  
4280764806

**Protanomaly**  
4281026693

**Deuteranomaly**  
4279650949

**Tritanomaly**  
4279127913

# Monochromacy



**Original Color**  
4280764806

**Achromatopsia**  
4282795590

**Achromatomaly**  
4282074973

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280764806 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(39, 73, 134)` looks like.

```
.text, #text, p{  
    color:rgb(39, 73, 134)  
}
```

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(39, 73, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 73, 134) }
```

## Border

The CSS property to change the border of an element to Android 4280764806 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(39, 73, 134) }
```

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

```
.border{ border-color:rgb(39, 73, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 73, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 73, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 73, 134);  
box-shadow:4px 4px 4px 4px rgb(39, 73,  
134) }
```

# Background

The CSS property to change the background color of an element to Android 4280764806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 73, 134) }
```

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

```
.background{ background-color: rgb(39, 73,  
134) }
```

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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