

# Converting Colors

Android(4280834960)

Have a look what the booklet for  
Android(4280834960) contains.

<b>Android(4280834960)</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(4280834960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	285B90
RGB	40, 91, 144
RGB Percent	16%, 36%, 56%
CMY	0.8431, 0.6431, 0.4353
CMYK	0.72, 0.37, 0.00, 0.44
HSL	211°, 57%, 36%
HSV	211°, 72%, 56%
XYZ	9.6502, 9.9469, 27.7969
YIQ	81.7930, -47.4090, 5.6710

# Conversions

## Conversions Part 2

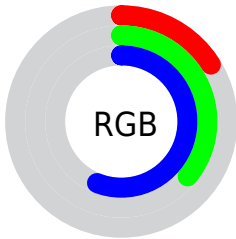
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 74, 144
Decimal	2644880
CIELab	37.75, 1.59, -34.21
CIElCh	38, 34.245, 272.661
Yxy	9.9469, 0.2036, 0.2099
Android (android.graphics.Color)	4280834960 (0xFF285B90)
YUV	81.7930, 30.6681, -36.6525
Hunter-Lab	31.5387, -0.5754, -30.1786

# Details

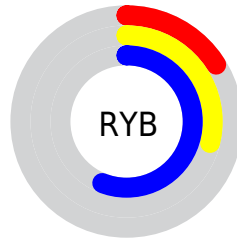
The Android color `4280834960` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287651112`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4284648902`, and `4278201949` is the 20% darker color. If you saturate the color by 10%, you get `4279915664`, and if you desaturate by 10%, it is `4281754256`.

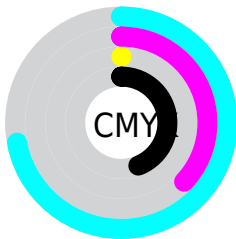
# Distribution



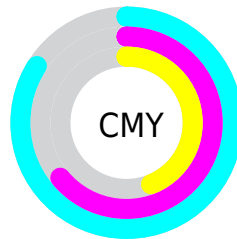
- Red (16%)
- Green (36%)
- Blue (56%)



- Red (16%)
- Yellow (29%)
- Blue (56%)



- Cyan (72%)
- Magenta (37%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (64%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280834960 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 4280834960 by changing the saturation by 10% instead.



 4280834960

 4280834960

4294967295

 4278207606

 4284648902

 4278201949

 4286490594

 4278196805

 4288332543

 4278191151

 4290240255

 4278190361

 4292082687

 4278190080

 4294049791

 4280834960

 4280834960

 4279915664

 4281754256

■ 4278930576

■ 4282739344

■ 4278208400

■ 4283658640

■ 4284643472

■ 4285563024

■ 4286482320

■ 4287467152

■ 4288386704

■ 4289371536

# Harmonies

## Analogous

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



4278215306



4280834960



4284371336

# Triad

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



4280834960



4287251773



4280509758

# Complementary

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



4280834960



4287651112

# 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.



4283064360



4280834960



4286402088

# Square

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



4280834960



4287316311



4284897311



4278216539

# Rectangle

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



4280834960



4285811067



4284897311



4281492278



# Sweetspot

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



4280834960



4287735226



4280848476



4282798686



4292796126



4284374622



# Same Dimension

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



4280834960



4279789754



4280821904



4282401863



4278207111



4278191112



# Inverse Universe

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



4287637595



4290386024



4287664168



4282859588



4287037506



4278714372



# Previews

## White Background



This preview shows how the Android color 4280834960 looks on a white background.

## Color Contrast Check

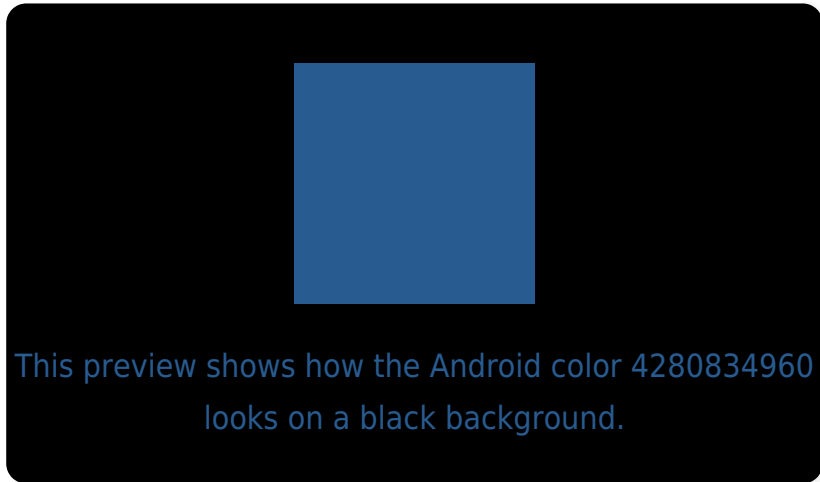
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280834960 Background



This preview shows how black text looks on a background with the Android color 4280834960.



This preview shows how white text looks on a background with the Android color 4280834960.

# 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**

4280834960

**Protanopia**

4282668940

**Deuteranopia**

4281751953



# Trichromacy



**Original Color**

4280834960

**Protanomaly**

4282013837

**Deuteranomaly**

4281424529

**Tritanomaly**

4279197560

# Monochromacy



**Original Color**

4280834960

**Achromatopsia**

4283585106

**Achromatomaly**

4282602857

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280834960 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, 91, 144)` looks like.

```
.text, #text, p{  
    color:rgb(40, 91, 144)  
}
```

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, 91, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 91, 144) }
```

## Border

The CSS property to change the border of an element to Android 4280834960 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, 91, 144) }
```

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

```
.border{ border-color:rgb(40, 91, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 91, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 91, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 91, 144);  
box-shadow:4px 4px 4px 4px rgb(40, 91,  
144) }
```

# Background

The CSS property to change the background color of an element to Android 4280834960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 91, 144) }
```

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

```
.background{ background-color: rgb(40, 91,  
144) }
```

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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