

# Converting Colors

Android(4280889696)

Have a look what the booklet for  
Android(4280889696) contains.

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# Color

**Android(4280889696)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	293160
RGB	41, 49, 96
RGB Percent	16%, 19%, 38%
CMY	0.8392, 0.8078, 0.6235
CMYK	0.57, 0.49, 0.00, 0.62
HSL	231°, 40%, 27%
HSV	231°, 57%, 38%
XYZ	4.1241, 3.5126, 11.5270
YIQ	51.9660, -19.8550, 12.9210

# Conversions

## Conversions Part 2

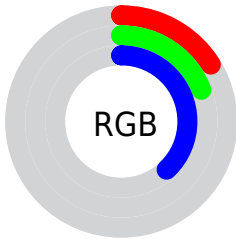
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 48, 96
Decimal	2699616
CIELab	21.99, 11.95, -29.11
CIELCh	22, 31.470, 292.315
Yxy	3.5126, 0.2152, 0.1833
Android (android.graphics.Color)	4280889696 (0xFF293160)
YUV	51.9660, 21.7088, -9.6172
Hunter-Lab	18.7419, 6.4801, -23.3463

# Details

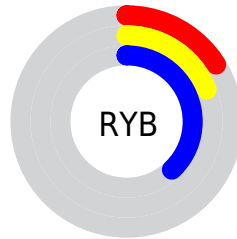
The Android color `4280889696` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4284504105`, and the grayscale version is `4281611316`.

A 20% lighter version of the original color is `4284178323`, and `4278190641` is the 20% darker color. If you saturate the color by 10%, you get `4280232288`, and if you desaturate by 10%, it is `4281547104`.

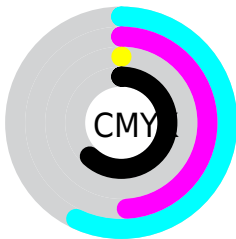
# Distribution



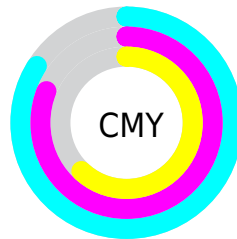
- Red (16%)
- Green (19%)
- Blue (38%)



- Red (16%)
- Yellow (19%)
- Blue (38%)



- Cyan (57%)
- Magenta (49%)
- Yellow (0%)
- Black (62%)



- Cyan (84%)
- Magenta (81%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280889696 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 4280889696 by changing the saturation by 10% instead.



■ 4280889696

■ 4280889696

4294967295

■ 4279114824

■ 4284178323

■ 4278190641

■ 4285888686

■ 4278190364

■ 4287599049

■ 4278190080

■ 4289375461

■ 4291217407

■ 4293059583

■ 4280889696

■ 4280889696

■ 4280232288

■ 4281547104

■ 4279640416

■ 4282138976

■ 4278982752

■ 4282796640

■ 4278390880

■ 4283388512

■ 4278193760

■ 4284045920

■ 4284703328

■ 4285295200

■ 4285952864

■ 4286544736

# Harmonies

## Analogous

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



4278204771



4280889696



4283115345

# Triad

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



4280889696



4283836432



4278206254

# Complementary

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



4280889696



4284504105

# 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.



4279254294



4280889696



4282790144

# Square

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



4280889696



4284358436



4281350403



4278206534

# Rectangle

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



4280889696



4283965507



4281350403



4278206246



# Sweetspot

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



4280889696



4285033341



4280901720



4281546048



4290756543



4282400832



# Same Dimension

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



4280889696



4280759165



4282132832



4281084976



4278194288



4278199280



# Inverse Universe

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



4284492081



4286392115



4283260969



4281347116



4285530128



4293918755



# Previews

## White Background



This preview shows how the Android color 4280889696 looks on a white background.

## Color Contrast Check

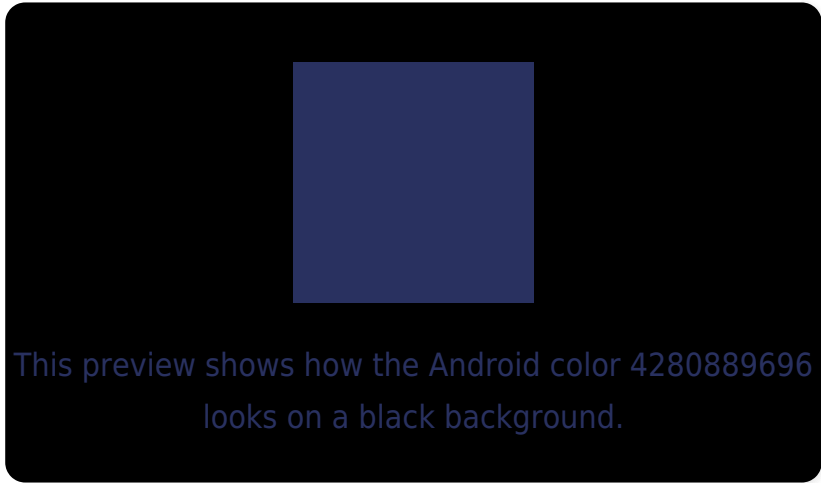
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280889696 Background



This preview shows how black text looks on a background with the Android color 4280889696.



This preview shows how white text looks on a background with the Android color 4280889696.

# 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**

4280889696

**Protanopia**

4280038242

**Deuteranopia**

4278662751



# Trichromacy



**Original Color**

4280889696

**Protanomaly**

4280365665

**Deuteranomaly**

4279448671

**Tritanomaly**

4280301130

# Monochromacy



**Original Color**

4280889696

**Achromatopsia**

4281611316

**Achromatomaly**

4281348932

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280889696 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(41, 49, 96)` looks like.

```
.text, #text, p{  
    color:rgb(41, 49, 96)  
}
```

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(41, 49, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 49, 96) }
```

## Border

The CSS property to change the border of an element to Android 4280889696 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(41, 49, 96) }
```

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

```
.border{ border-color:rgb(41, 49, 96) }
```

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

Here you see how a box with a 4 pixel rgb(41, 49, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 49, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 49, 96);  
box-shadow:4px 4px 4px 4px rgb(41, 49, 96)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280889696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 49, 96) }
```

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

```
.background{ background-color: rgb(41, 49,  
96) }
```

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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