

# Converting Colors

Android(4280352866)

Have a look what the booklet for  
Android(4280352866) contains.

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# Color

**Android(4280352866)**

# Conversions

## Conversions Part 1

Format	Color
Hex	210062
RGB	33, 0, 98
RGB Percent	13%, 0%, 38%
CMY	0.8706, 1.0000, 0.6157
CMYK	0.66, 1.00, 0.00, 0.62
HSL	260°, 100%, 19%
HSV	260°, 100%, 38%
XYZ	2.8318, 1.2052, 11.6386
YIQ	21.0390, -11.7900, 37.4740

# Conversions

## Conversions Part 2

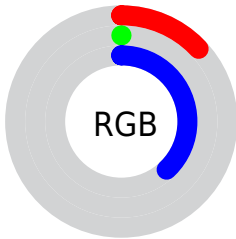
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 0, 98
Decimal	2162786
CIE <sub>Lab</sub>	10.60, 40.37, -49.06
CIE <sub>LCh</sub>	11, 63.536, 309.448
Yxy	1.2052, 0.1807, 0.0769
Android (android.graphics.Color)	4280352866 (0xFF210062)
YUV	21.0390, 37.9418, 10.4898
Hunter-Lab	10.9780, 26.8328, -55.1731

# Details

The Android color **4280352866** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4282475008**, and the grayscale version is **4279571733**.

A 20% lighter version of the original color is **4284035478**, and **4278191154** is the 20% darker color. If you saturate the color by 10%, you get **4280352866**, and if you desaturate by 10%, it is **4280814178**.

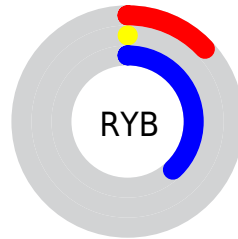
# Distribution



Red (13%)

Green (0%)

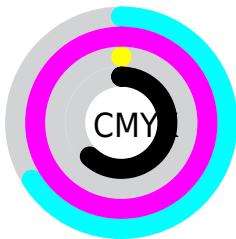
Blue (38%)



Red (13%)

Yellow (0%)

Blue (38%)

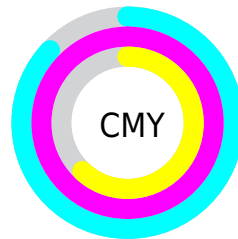


Cyan (66%)

Magenta (100%)

Yellow (0%)

Black (62%)



Cyan (87%)

Magenta (100%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280352866 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 4280352866 by changing the saturation by 10% instead.



 4280352866

 4280352866

 4294961663

 4278583370

 4284035478

 4278191154

 4285811121

 4278190364

 4287587021

 4278190080

 4289428457

 4291335935

 4293243391

 4294954239

 4280352866

■ 4280814178

■ 4281209954

■ 4281671010

■ 4282066786

■ 4282528098

■ 4282923874

■ 4283385186

■ 4283780706

■ 4284242018

# Harmonies

## Analogous

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



4278198646



4280352866



4283760700

# Triad

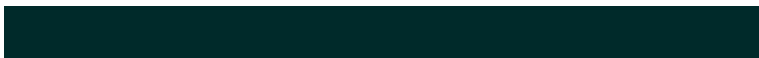
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280352866



4282125312



4278200874

# Complementary

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



4280352866



4282475008

# 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.



4278200576



4280352866



4279771136

# Square

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



4280352866



4283695104



4278200320



4278201685

# Rectangle

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



4280352866



4284416032



4278200320



4278200859



# Sweetspot

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



4280352866



4284897664



4278206818



4281411904



4290756543



4282400832



# Same Dimension

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



4280352866



4281008256



4283564130



4281150512



4280680560



4283498736



# Inverse Universe

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



4284612673



4286578773



4279263744



4281347119



4285530186

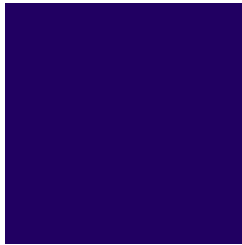


4293918879



# Previews

## White Background



This preview shows how the Android color 4280352866 looks on a white background.

## Color Contrast Check

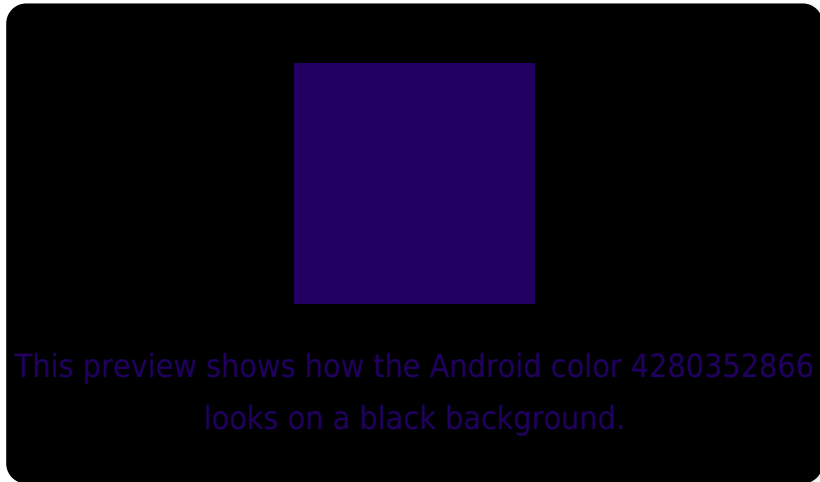
Large Text (above 18pt) WCAG AA ✓ Pass

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

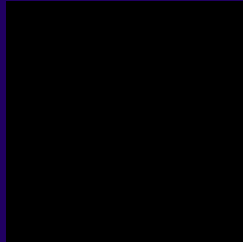
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280352866 Background



This preview shows how black text looks on a background with the Android color 4280352866.



This preview shows how white text looks on a background with the Android color 4280352866.

# 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**  
4280352866

**Protanopia**  
4278198339

**Deuteranopia**  
4278198841



# Trichromacy



**Original Color**  
4280352866

**Protanomaly**  
4278981710

**Deuteranomaly**  
4278982216

**Tritanomaly**  
4278982716

# Monochromacy



**Original Color**  
4280352866

**Achromatopsia**  
4279571733

**Achromatomaly**  
4279831857

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280352866 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(33, 0, 98)` looks like.

```
.text, #text, p{  
    color:rgb(33, 0, 98)  
}
```

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(33, 0, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 0, 98) }
```

## Border

The CSS property to change the border of an element to Android 4280352866 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(33, 0, 98) }
```

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

```
.border{ border-color:rgb(33, 0, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 0, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 0, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 0, 98); box-shadow:4px  
4px 4px 4px rgb(33, 0, 98) }
```

# Background

The CSS property to change the background color of an element to Android 4280352866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 0, 98) }
```

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

```
.background{ background-color: rgb(33, 0,  
98) }
```

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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