

# Converting Colors

Android(4281688696)

Have a look what the booklet for  
Android(4281688696) contains.

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# Color

**Android(4281688696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	356278
RGB	53, 98, 120
RGB Percent	21%, 38%, 47%
CMY	0.7922, 0.6157, 0.5294
CMYK	0.56, 0.18, 0.00, 0.53
HSL	200°, 39%, 34%
HSV	200°, 56%, 47%
XYZ	9.2260, 10.8483, 19.3770
YIQ	87.0530, -33.8820, -2.6980

# Conversions

## Conversions Part 2

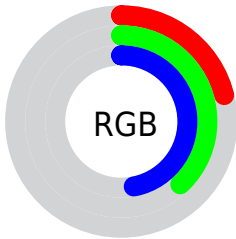
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 80, 120
Decimal	3498616
CIELab	39.32, -8.68, -17.11
CIElCh	39, 19.184, 243.113
Yxy	10.8483, 0.2339, 0.2750
Android (android.graphics.Color)	4281688696 (0xFF356278)
YUV	87.0530, 16.2429, -29.8645
Hunter-Lab	32.9368, -7.6391, -11.8250




# Details

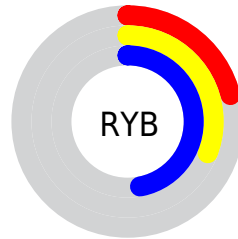
The Android color `4281688696` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286073653`, and the grayscale version is `4283914071`.




A 20% lighter version of the original color is `4285109676`, and `4278203463` is the 20% darker color. If you saturate the color by 10%, you get `4280901240`, and if you desaturate by 10%, it is `4282476152`.

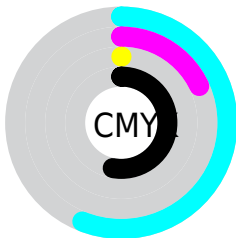
# Distribution







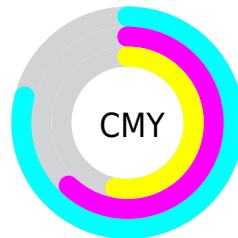
-  Red (21%)
-  Green (38%)
-  Blue (47%)






-  Red (21%)
-  Yellow (31%)
-  Blue (47%)



-  Cyan (56%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (79%)
-  Magenta (62%)
-  Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281688696 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 4281688696 by changing the saturation by 10% instead.





4281688696



4281688696

4294967295



4279847519



4285109676



4278203463



4286820296



4278197809



4288662500



4278190620



4290439167



4278190080



4292345855



4294246399



4281688696



4281688696



4280901240



4282476152

■ 4280113784

■ 4283263608

■ 4279326328

■ 4284051064

■ 4278538872

■ 4284838520

■ 4278210936

■ 4285625976

■ 4286413432

■ 4287200888

■ 4287988344

■ 4288775544

# Harmonies

## Analogous

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



4281034093



4281688696



4283129468

# Triad

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



4281688696



4286271836



4283785538

# Complementary

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



4281688696



4286073653

# 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.



4284898365



4281688696



4286272332

# Square

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



4281688696



4285682539



4285749057



4282606670

# Rectangle

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



4281688696



4284111481



4285749057



4284178240



# Sweetspot

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



4281688696



4286682012



4281694282



4282337871



4291809231



4283387727



# Same Dimension

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



4281688696



4281563548



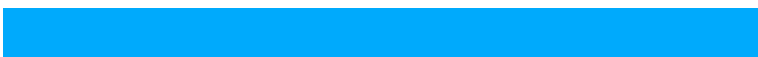
4281680248



4281809725



4278211709



4278233852



# Inverse Universe

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



4286068066



4288426873



4286082101



4282201915



4286382164



4294705322



# Previews

## White Background



This preview shows how the Android color 4281688696 looks on a white background.

## Color Contrast Check

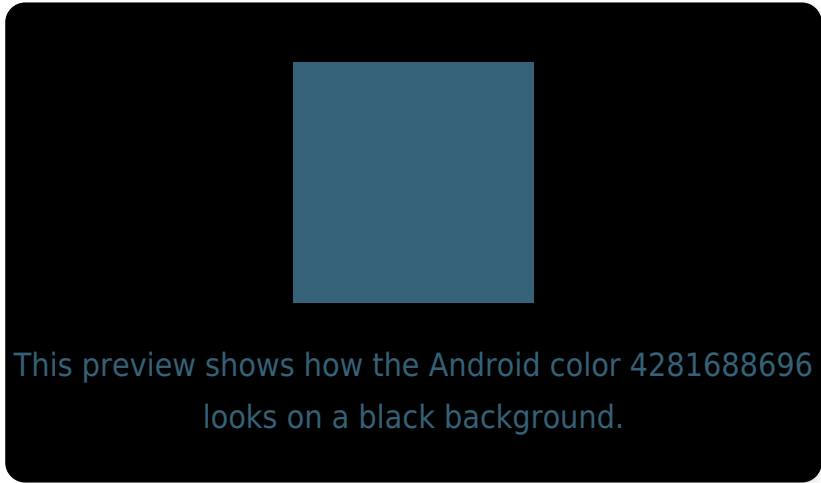
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

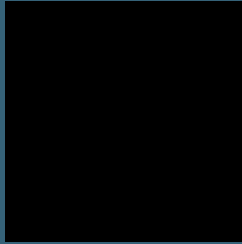
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281688696 Background



This preview shows how black text looks on a background with the Android color 4281688696.

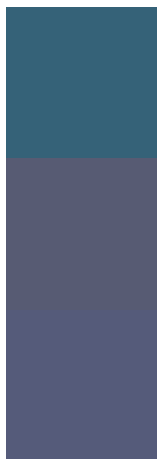


This preview shows how white text looks on a background with the Android color 4281688696.

# 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**

4281688696

**Protanopia**

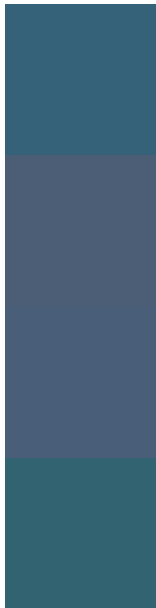
4283915123

**Deuteranopia**

4283784058



# Trichromacy



**Original Color**

4281688696

**Protanomaly**

4283129461

**Deuteranomaly**

4282998393

**Tritanomaly**

4281492336

# Monochromacy



**Original Color**

4281688696

**Achromatopsia**

4283914071

**Achromatomaly**

4283128675

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281688696 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(53, 98, 120)` looks like.

```
.text, #text, p{  
    color:rgb(53, 98, 120)  
}
```

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(53, 98, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 98, 120) }
```

## Border

The CSS property to change the border of an element to Android 4281688696 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(53, 98, 120) }
```

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

```
.border{ border-color:rgb(53, 98, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 98, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 98, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 98, 120);  
box-shadow:4px 4px 4px 4px rgb(53, 98,  
120) }
```

# Background

The CSS property to change the background color of an element to Android 4281688696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 98, 120) }
```

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

```
.background{ background-color: rgb(53, 98,  
120) }
```

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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