

# Converting Colors

Android(4285563068)

Have a look what the booklet for  
Android(4285563068) contains.

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# Color

**Android(4285563068)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7080BC
RGB	112, 128, 188
RGB Percent	44%, 50%, 74%
CMY	0.5608, 0.4980, 0.2627
CMYK	0.40, 0.32, 0.00, 0.26
HSL	227°, 36%, 59%
HSV	227°, 40%, 74%
XYZ	23.4784, 22.5139, 50.6851
YIQ	130.0560, -28.7960, 15.2680

# Conversions

## Conversions Part 2

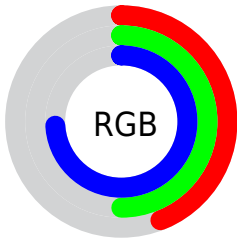
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 125, 188
Decimal	7372988
CIE <sub>Lab</sub>	54.57, 9.55, -33.33
CIE <sub>LCh</sub>	55, 34.674, 285.988
Yxy	22.5139, 0.2429, 0.2329
Android (android.graphics.Color)	4285563068 (0xFF7080BC)
YUV	130.0560, 28.5664, -15.8351
Hunter-Lab	47.4488, 5.2889, -30.1197

# Details

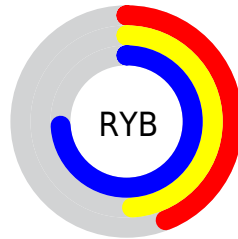
The Android color `4285563068` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4290554992`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4289115636`, and `4282077062` is the 20% darker color. If you saturate the color by 10%, you get `4284314044`, and if you desaturate by 10%, it is `4286812092`.

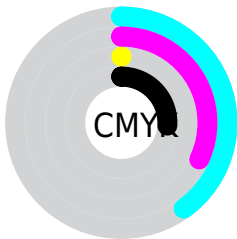
# Distribution



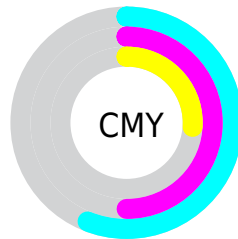
- Red (44%)
- Green (50%)
- Blue (74%)



- Red (44%)
- Yellow (49%)
- Blue (74%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (26%)



- Cyan (56%)
- Magenta (50%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285563068 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 4285563068 by changing the saturation by 10% instead.



 4285563068

 4285563068

4294967295

 4283852705

 4289115636

 4282077062

 4290957567

 4280236397

 4292865279

 4278199124

 4294770687

 4278193725

 4278190886

 4278190351

 4278190080

 4285563068

 4285563068

■ 4284314044

■ 4286812092

■ 4283065020

■ 4288061116

■ 4281881532

■ 4289244604

■ 4280632764

■ 4290493372

■ 4279383740

■ 4291742396

■ 4278200508

■ 4292991420

■ 4294240444

■ 4294965180

■ 4294967228

# Harmonies

## Analogous

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



4281764540



4285563068



4288312748

# Triad

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



4285563068



4290081369



4282093939

# Complementary

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



4285563068



4290554992

# 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.



4284779864



4285563068



4288838728

# Square

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



4285563068



4290538356



4287006280



4278227602

# Rectangle

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



4285563068



4289556124



4287006280



4283076713



# Sweetspot

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



4285563068



4292337397



4285578412



4285099386



4294638330



4286216826



# Same Dimension

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



4285563068



4286420725



4287000764



4283783006



4278198686



4278191647



# Inverse Universe

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



4290539648



4294278550



4289117296



4284372311



4288544801

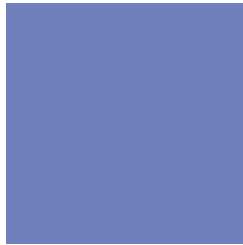


4280221702



# Previews

## White Background



This preview shows how the Android color 4285563068 looks on a white background.

## Color Contrast Check

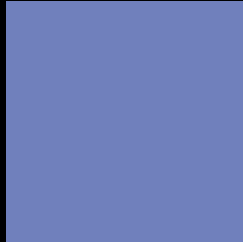
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4285563068 looks on a black 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

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



# Android 4285563068 Background



This preview shows how black text looks on a background with the Android color 4285563068.

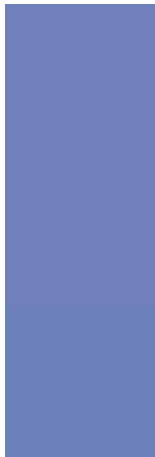


This preview shows how white text looks on a background with the Android color 4285563068.

# 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**  
4285563068

**Protanopia**  
4285497532

**Deuteranopia**  
4285301180



# Trichromacy



**Original Color**

4285563068

**Protanomaly**

4285497532

**Deuteranomaly**

4285366716

**Tritanomaly**

4285171106

# Monochromacy



**Original Color**

4285563068

**Achromatopsia**

4286743170

**Achromatomaly**

4286284183

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285563068 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(112, 128, 188)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 188)  
}
```

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(112, 128, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 188) }
```

## Border

The CSS property to change the border of an element to Android 4285563068 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(112, 128, 188) }
```

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

```
.border{ border-color:rgb(112, 128, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 128, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 128, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 128, 188);  
box-shadow:4px 4px 4px 4px rgb(112, 128,  
188) }
```

# Background

The CSS property to change the background color of an element to Android 4285563068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 188) }
```

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

```
.background{ background-color: rgb(112,  
128, 188) }
```

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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