

# Converting Colors

Android(4284903604)

Have a look what the booklet for  
Android(4284903604) contains.

<b>Android(4284903604)</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(4284903604)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6670B4
RGB	102, 112, 180
RGB Percent	40%, 44%, 71%
CMY	0.6000, 0.5608, 0.2941
CMYK	0.43, 0.38, 0.00, 0.29
HSL	232°, 34%, 55%
HSV	232°, 43%, 71%
XYZ	19.5119, 17.7084, 45.5697
YIQ	116.7620, -27.7880, 19.0280

# Conversions

## Conversions Part 2

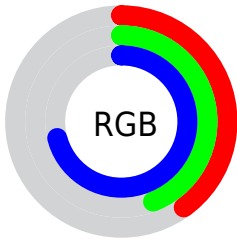
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 111, 180
Decimal	6713524
CIE <sub>Lab</sub>	49.14, 14.18, -37.29
CIE <sub>LCh</sub>	49, 39.894, 290.817
Yxy	17.7084, 0.2357, 0.2139
Android (android.graphics.Color)	4284903604 (0xFF6670B4)
YUV	116.7620, 31.1763, -12.9463
Hunter-Lab	42.0814, 9.1228, -34.7479

# Details

The Android color `4284903604` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4290030182`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4288455916`, and `4281352575` is the 20% darker color. If you saturate the color by 10%, you get `4283719860`, and if you desaturate by 10%, it is `4286087348`.

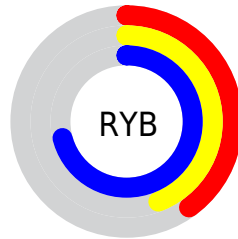
# Distribution



Red (40%)

Green (44%)

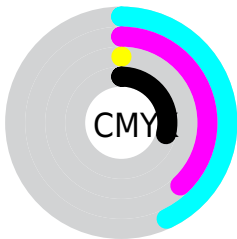
Blue (71%)



Red (40%)

Yellow (44%)

Blue (71%)

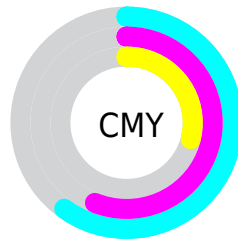


Cyan (43%)

Magenta (38%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (56%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284903604 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 4284903604 by changing the saturation by 10% instead.





4284903604



4284903604

4294967295



4283127961



4288455916



4281352575



4290297855



4279315301



4292205311



4278196045



4294113279



4278190134



4278190624



4278190083



4278190080



4284903604



4284903604

■ 4283719860

■ 4286087348

■ 4282536372

■ 4287270836

■ 4281352628

■ 4288454580

■ 4280168884

■ 4289638324

■ 4278985396

■ 4290821812

■ 4278196148

■ 4292005556

■ 4293189300

■ 4294373044

■ 4294966708

# Harmonies

## Analogous

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



4278221751



4284903604



4287914912

# Triad

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



4284903604



4289291073



4278224233

# Complementary

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



4284903604



4290030182

# 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.



4283007304



4284903604



4287721264

# Square

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



4284903604



4290009439



4285626931



4278224524

# Rectangle

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



4284903604



4289223564



4285626931



4280386653



# Sweetspot

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



4284903604



4291612907



4284921002



4284704117



4294309365



4285887861



# Same Dimension

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



4284903604



4285628651



4286801588



4283453785



4278195353



4278190874



# Inverse Universe

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



4290012784



4293620096



4288132198



4284043345



4288217108

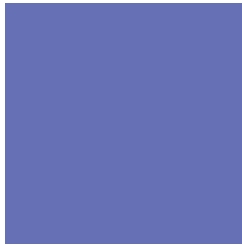


4279894019



# Previews

## White Background



This preview shows how the Android color 4284903604 looks on a white background.

## Color Contrast Check

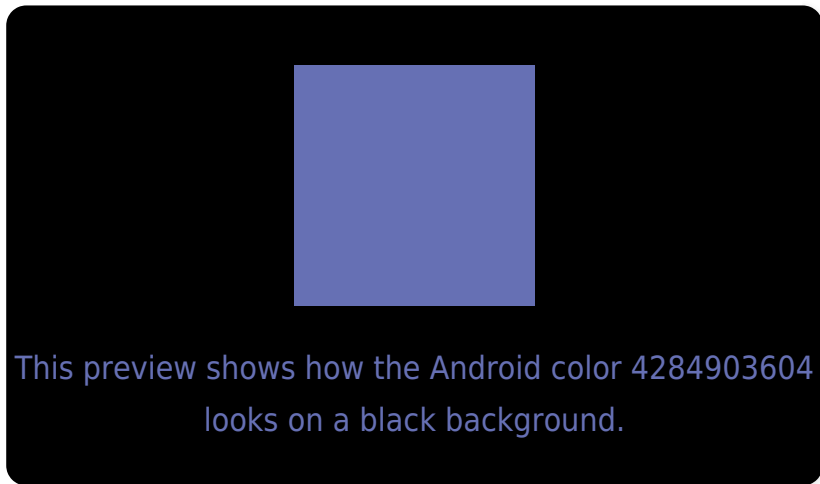
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4284903604 Background



This preview shows how black text looks on a background with the Android color 4284903604.

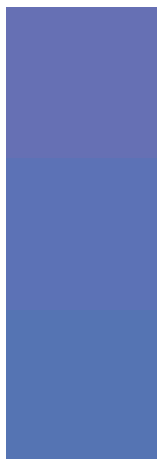


This preview shows how white text looks on a background with the Android color 4284903604.

# 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



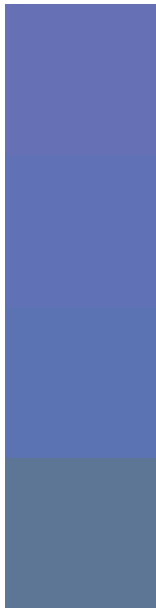
**Original Color**  
4284903604

**Protanopia**  
4284248758

**Deuteranopia**  
4283790515



# Trichromacy



**Original Color**  
4284903604

**Protanomaly**  
4284510645

**Deuteranomaly**  
4284183475

**Tritanomaly**  
4284380821

# Monochromacy



**Original Color**  
4284903604

**Achromatopsia**  
4285887861

**Achromatomaly**  
4285559692

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284903604 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(102, 112, 180)` looks like.

```
.text, #text, p{  
    color:rgb(102, 112, 180)  
}
```

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(102, 112, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 112, 180) }
```

## Border

The CSS property to change the border of an element to Android 4284903604 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(102, 112, 180) }
```

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

```
.border{ border-color:rgb(102, 112, 180) }
```

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

Here you see how a box with a 4 pixel rgb(102, 112, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 112, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 112, 180);  
box-shadow:4px 4px 4px 4px rgb(102, 112,  
180) }
```

# Background

The CSS property to change the background color of an element to Android 4284903604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 112, 180) }
```

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

```
.background{ background-color: rgb(102,  
112, 180) }
```

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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