

# Converting Colors

Android(4284247504)

Have a look what the booklet for  
Android(4284247504) contains.

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# Color

**Android(4284247504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C6DD0
RGB	92, 109, 208
RGB Percent	36%, 43%, 82%
CMY	0.6392, 0.5725, 0.1843
CMYK	0.56, 0.48, 0.00, 0.18
HSL	231°, 55%, 59%
HSV	231°, 56%, 82%
XYZ	21.2674, 17.7667, 61.9829
YIQ	115.2030, -41.9110, 27.1850

# Conversions

## Conversions Part 2

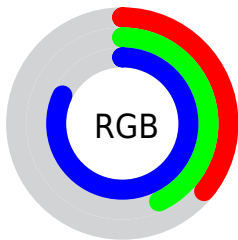
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 107, 208
Decimal	6057424
CIE <sub>Lab</sub>	49.21, 22.46, -53.32
CIE <sub>LCh</sub>	49, 57.860, 292.845
Yxy	17.7667, 0.2105, 0.1759
Android (android.graphics.Color)	4284247504 (0xFF5C6DD0)
YUV	115.2030, 45.7489, -20.3490
Hunter-Lab	42.1505, 16.3005, -57.6814

# Details

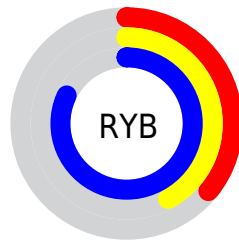
The Android color `4284247504` is a dark color, and the websafe version is hex `6666CC`. The color can be described as middle muted azure. A complement of this color would be `4291870556`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4288061695`, and `4279713433` is the 20% darker color. If you saturate the color by 10%, you get `4282866640`, and if you desaturate by 10%, it is `4285628368`.

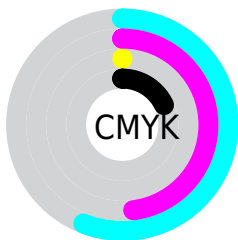
# Distribution



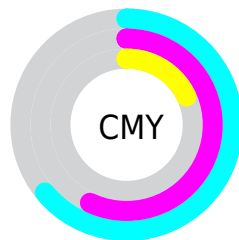
- Red (36%)
- Green (43%)
- Blue (82%)



- Red (36%)
- Yellow (42%)
- Blue (82%)



- Cyan (56%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (57%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284247504 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 4284247504 by changing the saturation by 10% instead.



 4284247504

 4284247504

4294967295

 4282209716

 4288061695

 4279713433

 4289969151

 4278200702

 4291876863

 4278195813

 4293850111

 4278190156

 4278191412

 4278190622

 4278190081

 4278190080

 4284247504

 4284247504

 4282866640

 4285628368

 4281485776

 4287009232

 4280170704

 4288324304

 4278789840

 4289705168

 4278197968

 4291086032

 4292466896

 4293847504

 4294966224

 4294967248

# Harmonies

## Analogous

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



4278222551



4284247504



4288960177

# Triad

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



4284247504



4290337318



4278225767

# Complementary

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



4284247504



4291870556

# 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.



4280387125



4284247504



4288048896

# Square

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



4284247504



4291511890



4285038083



4278225818

# Rectangle

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



4284247504



4290660499



4285038083



4278225494



# Sweetspot

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



4284247504



4292139775



4284272831



4284902016



4278190080



4286611584



# Same Dimension

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



4284247504



4283723263



4286930128



4284375145



4278196648



4278191657



# Inverse Universe

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



4291845229



4294923373



4289187932



4285095520



4289200153

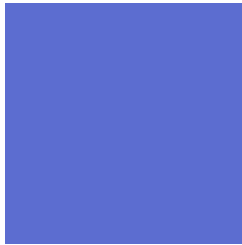


4280877062



# Previews

## White Background



This preview shows how the Android color 4284247504 looks on a white background.

## Color Contrast Check

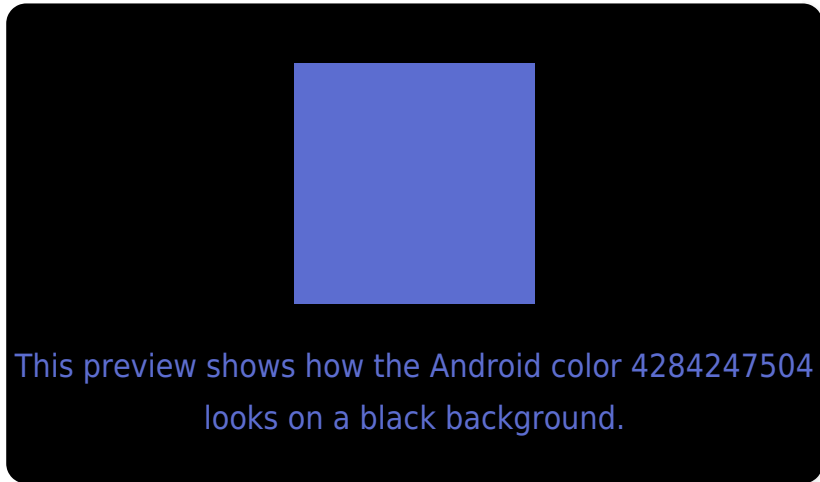
Large Text (above 18pt) WCAG AA ✓ Pass

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

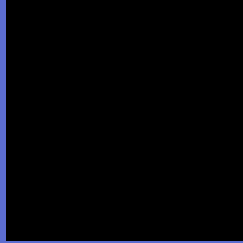
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4284247504 Background



This preview shows how black text looks on a background with the Android color 4284247504.



This preview shows how white text looks on a background with the Android color 4284247504.

# 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**  
4284247504

**Protanopia**  
4282610132

**Deuteranopia**  
4280645326



# Trichromacy



**Original Color**  
4284247504

**Protanomaly**  
4283199699

**Deuteranomaly**  
4281955279

**Tritanomaly**  
4283136162

# Monochromacy



**Original Color**  
4284247504

**Achromatopsia**  
4285756275

**Achromatomaly**  
4285231509

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284247504 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(92, 109, 208)` looks like.

```
.text, #text, p{  
    color:rgb(92, 109, 208)  
}
```

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(92, 109, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 109, 208) }
```

## Border

The CSS property to change the border of an element to Android 4284247504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

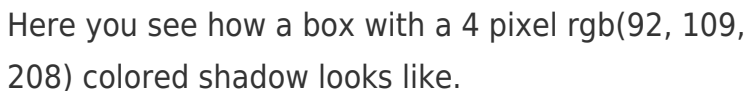
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 109, 208) }
```

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

```
.border{ border-color:rgb(92, 109, 208) }
```

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



Here you see how a box with a 4 pixel rgb(92, 109, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 109, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 109, 208);  
box-shadow:4px 4px 4px 4px rgb(92, 109,  
208) }
```

# Background

The CSS property to change the background color of an element to Android 4284247504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 109, 208) }
```

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

```
.background{ background-color: rgb(92, 109,  
208) }
```

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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