

# Converting Colors

Android(4284122324)

Have a look what the booklet for  
Android(4284122324) contains.

<b>Android(4284122324)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4284122324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A84D4
RGB	90, 132, 212
RGB Percent	35%, 52%, 83%
CMY	0.6471, 0.4824, 0.1686
CMYK	0.58, 0.38, 0.00, 0.17
HSL	219°, 59%, 59%
HSV	219°, 58%, 83%
XYZ	24.3514, 23.4297, 65.5263
YIQ	128.5620, -50.7120, 15.9760

# Conversions

## Conversions Part 2

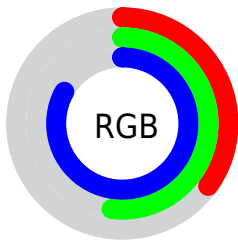
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 121, 212
Decimal	5932244
CIE Lab	55.51, 9.32, -45.56
CIE LCh	56, 46.503, 281.564
Yxy	23.4297, 0.2149, 0.2068
Android (android.graphics.Color)	4284122324 (0xFF5A84D4)
YUV	128.5620, 41.1349, -33.8189
Hunter-Lab	48.4042, 5.0932, -46.3798

# Details

The Android color `4284122324` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle muted azure. A complement of this color would be `4292127322`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4287937023`, and `4279391133` is the 20% darker color. If you saturate the color by 10%, you get `4282742484`, and if you desaturate by 10%, it is `4285502164`.

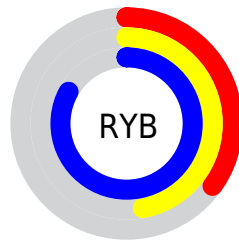
# Distribution



Red (35%)

Green (52%)

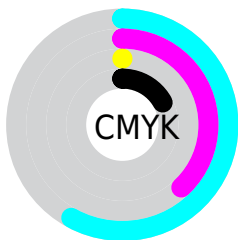
Blue (83%)



Red (35%)

Yellow (47%)

Blue (83%)

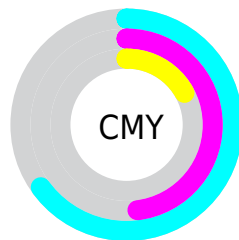


Cyan (58%)

Magenta (38%)

Yellow (0%)

Black (17%)



Cyan (65%)

Magenta (48%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284122324 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 4284122324 by changing the saturation by 10% instead.



 4284122324

 4284122324

4294967295


 4282084280

 4287937023

 4279391133

 4289844479

 4278205570

 4291752447

 4278200169

 4293722111

 4278195280

 4278191417

 4278190626

 4278190088

 4278190080

■ 4284122324

■ 4284122324

■ 4282742484

■ 4285502164

■ 4281362644

■ 4286882004

■ 4279917268

■ 4288327380

■ 4278537428

■ 4289707220

■ 4278208980

■ 4291087060

■ 4292466644

■ 4293846484

■ 4294964180

■ 4294967252

# Harmonies

## Analogous

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



4278227153



4284122324



4288443586

# Triad

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



4284122324



4291390289



4279539562

# Complementary

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



4284122324



4292127322

# 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.



4284584518



4284122324



4289755703

# Square

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



4284122324



4291846775



4287465521



4278229396

# Rectangle

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



4284122324



4290276012



4287465521



4281964125



# Sweetspot

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



4284122324



4292142079



4284142761



4284903296



4278190080



4286611584



# Same Dimension

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



4284122324



4283403519



4285291220



4284507243



4278205355



4278193963



# Inverse Universe

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



4292106884



4294922124



4290958426



4285227108



4289396795



4281008143



# Previews

## White Background



This preview shows how the Android color 4284122324 looks on a white background.

## Color Contrast Check

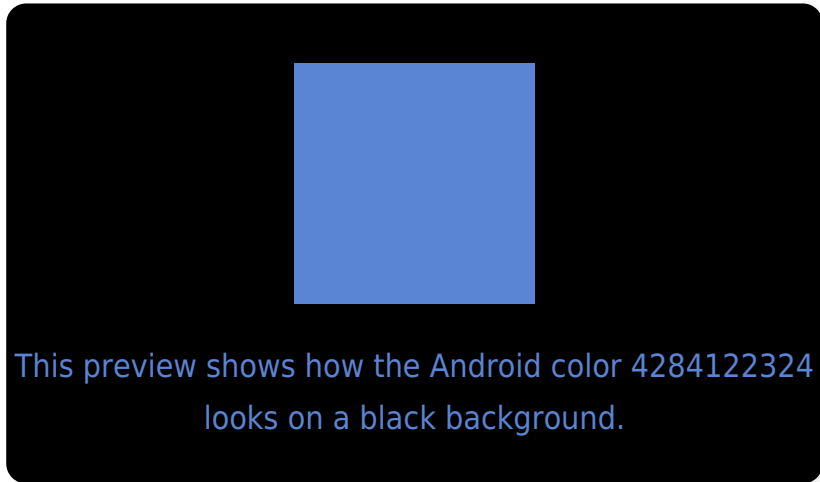
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

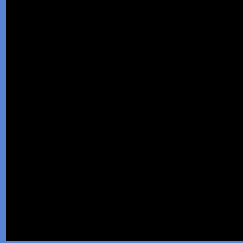
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

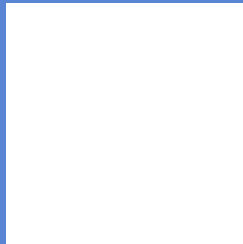
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284122324 Background



This preview shows how black text looks on a background with the Android color 4284122324.



This preview shows how white text looks on a background with the Android color 4284122324.

# 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**

4284122324

**Protanopia**

4284908242

**Deuteranopia**

4283925972



# Trichromacy



**Original Color**

4284122324

**Protanomaly**

4284646355

**Deuteranomaly**

4283991508

**Tritanomaly**

4283141296

# Monochromacy



**Original Color**

4284122324

**Achromatopsia**

4286677377

**Achromatomaly**

4285760159

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284122324 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(90, 132, 212)` looks like.

```
.text, #text, p{  
    color:rgb(90, 132, 212)  
}
```

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(90, 132, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 132, 212) }
```

## Border

The CSS property to change the border of an element to Android 4284122324 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(90, 132, 212) }
```

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

```
.border{ border-color:rgb(90, 132, 212) }
```

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

Here you see how a box with a 4 pixel rgb(90, 132, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 132, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 132, 212);  
box-shadow:4px 4px 4px 4px rgb(90, 132,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4284122324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 132, 212) }
```

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

```
.background{ background-color: rgb(90, 132,  
212) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor