

# Converting Colors

Android(4284324818)

Have a look what the booklet for  
Android(4284324818) contains.

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# **Color**

**Android(4284324818)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D9BD2
RGB	93, 155, 210
RGB Percent	36%, 61%, 82%
CMY	0.6353, 0.3922, 0.1765
CMYK	0.56, 0.26, 0.00, 0.18
HSL	208°, 57%, 59%
HSV	208°, 56%, 82%
XYZ	27.8684, 30.4230, 65.3762
YIQ	142.7320, -54.6070, 3.9610

# Conversions

## Conversions Part 2

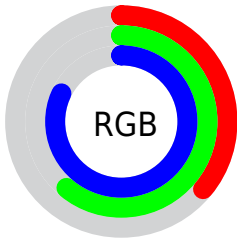
Format	Color
R <sub>Y</sub> B	93, 134, 210
Decimal	6134738
CIE Lab	62.02, -4.11, -34.21
CIE LCh	62, 34.460, 263.147
Yxy	30.4230, 0.2253, 0.2460
Android (android.graphics.Color)	4284324818 (0xFF5D9BD2)
YUV	142.7320, 33.1631, -43.6150
Hunter-Lab	55.1570, -6.3367, -31.6649

# Details

The Android color `4284324818` is a light color, and the websafe version is hex `6699CC`. The color can be described as light muted azure. A complement of this color would be `4291990621`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4288139775`, and `4279920795` is the 20% darker color. If you saturate the color by 10%, you get `4282946002`, and if you desaturate by 10%, it is `4285703634`.

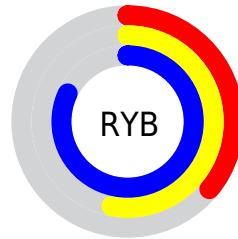
# Distribution



Red (36%)

Green (61%)

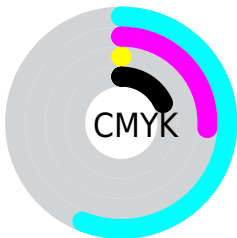
Blue (82%)



Red (36%)

Yellow (53%)

Blue (82%)

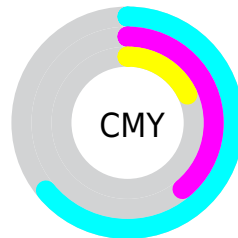


Cyan (56%)

Magenta (26%)

Yellow (0%)

Black (18%)



Cyan (64%)

Magenta (39%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284324818 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 4284324818 by changing the saturation by 10% instead.



 4284324818

 4284324818

4294967295

 4282352054

 4288139775

 4279920795

 4289982207

 4278210689

 4291952639

 4278204776

 4293853183

 4278199375

 4278193976

 4278190626

 4278190088

 4278190080

■ 4284324818

■ 4284324818

■ 4282946002

■ 4285703634

■ 4281567186

■ 4287082450

■ 4280188370

■ 4288461266

■ 4278809810

■ 4289839826

■ 4278218706

■ 4291218642

■ 4292597458

■ 4293976274

■ 4294961874

■ 4294964434

# Harmonies

## Analogous

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



4280591046



4284324818



4287599054

# Triad

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



4284324818



4291919743



4285440624

# Complementary

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



4284324818



4291990621

# 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.



4287798109



4284324818



4291266406

# Square

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



4284324818



4291592094



4289761881



4282820238

# Rectangle

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



4284324818



4289366467



4289761881



4286292072

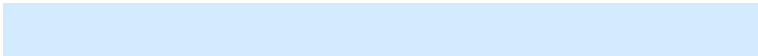


# Sweetspot

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



4284324818



4292144127



4284338836



4284904576



4278190080



4286611584

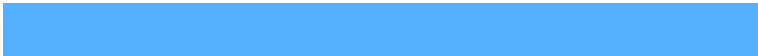


# Same Dimension

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



4284324818



4283740159



4284309970



4284376169



4278213032



4278195753



# Inverse Universe

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



4291976603



4294923439



4292005469



4285095524



4289200217



4280877078



# Previews

## White Background



This preview shows how the Android color 4284324818 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4284324818 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

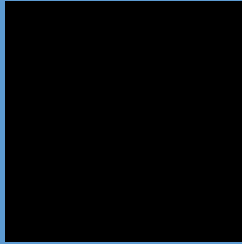
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284324818 Background



This preview shows how black text looks on a background with the Android color 4284324818.

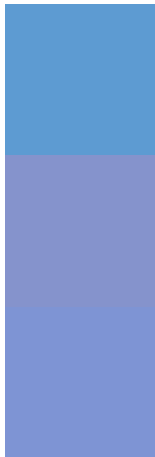


This preview shows how white text looks on a background with the Android color 4284324818.

# 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**  
4284324818

**Protanopia**  
4286944204

**Deuteranopia**  
4286485716



# Trichromacy



**Original Color**  
4284324818

**Protanomaly**  
4285961934

**Deuteranomaly**  
4285700051

**Tritanomaly**  
4283735996

# Monochromacy



**Original Color**  
4284324818

**Achromatopsia**  
4287598479

**Achromatomaly**  
4286419879

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284324818 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(93, 155, 210)` looks like.

```
.text, #text, p{  
    color:rgb(93, 155, 210)  
}
```

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(93, 155, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 155, 210) }
```

## Border

The CSS property to change the border of an element to Android 4284324818 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(93, 155, 210) }
```

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

```
.border{ border-color:rgb(93, 155, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 155, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 155, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 155, 210);  
box-shadow:4px 4px 4px 4px rgb(93, 155,  
210) }
```

# Background

The CSS property to change the background color of an element to Android 4284324818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 155, 210) }
```

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

```
.background{ background-color: rgb(93, 155,  
210) }
```

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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