

# Converting Colors

Android(4284188392)

Have a look what the booklet for  
Android(4284188392) contains.

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# **Color**

**Android(4284188392)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B86E8
RGB	91, 134, 232
RGB Percent	36%, 53%, 91%
CMY	0.6431, 0.4745, 0.0902
CMYK	0.61, 0.42, 0.00, 0.09
HSL	222°, 75%, 63%
HSV	222°, 61%, 91%
XYZ	27.4050, 25.1005, 79.7444
YIQ	132.3150, -57.0860, 21.3620

# Conversions

## Conversions Part 2

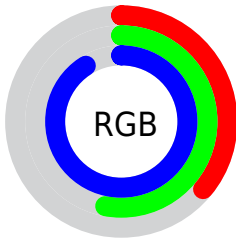
Format	Color
R <sub>Y</sub> B	91, 124, 232
Decimal	5998312
CIE Lab	57.17, 14.92, -54.12
CIE LCh	57, 56.136, 285.411
Yxy	25.1005, 0.2072, 0.1898
Android (android.graphics.Color)	4284188392 (0xFF5B86E8)
YUV	132.3150, 49.1447, -36.2333
Hunter-Lab	50.1004, 9.9638, -59.3011

# Details

The Android color `4284188392` is a light color, and the websafe version is hex `6699FF`. The color can be described as light muted azure. A complement of this color would be `4293442907`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4288199679`, and `4278212016` is the 20% darker color. If you saturate the color by 10%, you get `4282676968`, and if you desaturate by 10%, it is `4285699816`.

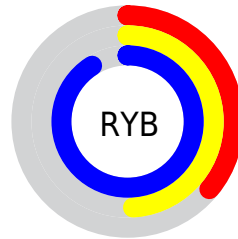
# Distribution



Red (36%)

Green (53%)

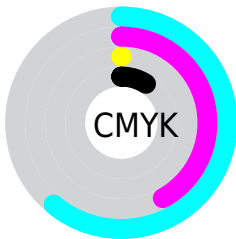
Blue (91%)



Red (36%)

Yellow (49%)

Blue (91%)

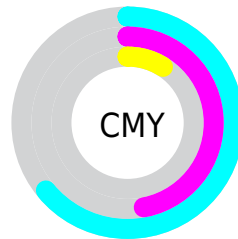


Cyan (61%)

Magenta (42%)

Yellow (0%)

Black (9%)



Cyan (64%)

Magenta (47%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284188392 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 4284188392 by changing the saturation by 10% instead.



 4284188392

 4284188392

4294967295

 4281953740

 4288199679

 4278212016

 4290107135

 4278206101

 4292080639

 4278200698

 4294049791

 4278196065

 4278191688

 4278191153

 4278190363

 4278190080

■ 4284188392

■ 4284188392

■ 4282676968

■ 4285699816

■ 4281165544

■ 4287211240

■ 4279588584

■ 4288788200

■ 4278208488

■ 4290299624

■ 4291811304

■ 4293322728

■ 4294834152

■ 4294967272

# Harmonies

## Analogous

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



4278228456



4284188392



4289491407

# Triad

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



4284188392



4292241989



4278230895

# Complementary

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



4284188392



4293442907

# 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.



4283603264



4284188392



4290215460

# Square

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



4284188392



4293024882



4287336224



4278231458

# Rectangle

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



4284188392



4291519667



4287336224



4278230622



# Sweetspot

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



4284188392



4291944447



4284213435



4284705920



4278190080



4286611584



# Same Dimension

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



4284188392



4282744575



4285881320



4284967795



4278204083



4278194227



# Inverse Universe

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



4293417862



4294919550



4291749979



4285753195



4289921078



4281532432



# Previews

## White Background



This preview shows how the Android color 4284188392 looks on a white background.

## Color Contrast Check

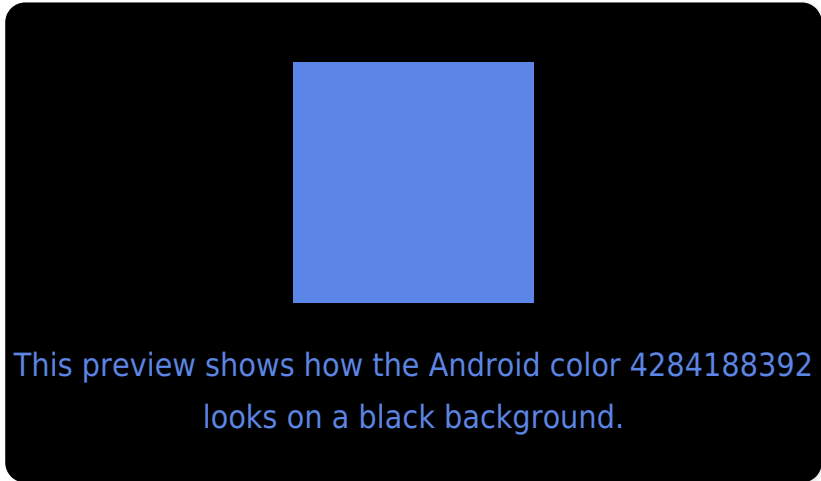
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284188392 Background



This preview shows how black text looks on a background with the Android color 4284188392.



This preview shows how white text looks on a background with the Android color 4284188392.

# 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**

4284188392

**Protanopia**

4284450279

**Deuteranopia**

4282747623



# Trichromacy



**Original Color**  
4284188392

**Protanomaly**  
4284384743

**Deuteranomaly**  
4283271655

**Tritanomaly**  
4282814651

# Monochromacy



**Original Color**  
4284188392

**Achromatopsia**  
4286874756

**Achromatomaly**  
4285892008

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284188392 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(91, 134, 232)` looks like.

```
.text, #text, p{  
    color:rgb(91, 134, 232)  
}
```

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(91, 134, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 134, 232) }
```

## Border

The CSS property to change the border of an element to Android 4284188392 is called "border". The border property can be set on classes, ids or directly on the HTML element.

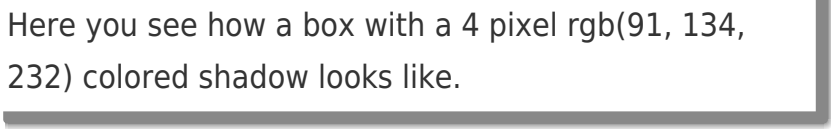
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 134, 232) }
```

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

```
.border{ border-color:rgb(91, 134, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 134, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 134, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 134, 232); box-shadow:4px 4px 4px 4px rgb(91, 134, 232) }
```

# Background

The CSS property to change the background color of an element to Android 4284188392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 134, 232) }
```

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

```
.background{ background-color: rgb(91, 134,  
232) }
```

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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