

# Converting Colors

Android(4283992804)

Have a look what the booklet for  
Android(4283992804) contains.

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# **Color**

**Android(4283992804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	588AE4
RGB	88, 138, 228
RGB Percent	35%, 54%, 89%
CMY	0.6549, 0.4588, 0.1059
CMYK	0.61, 0.39, 0.00, 0.11
HSL	219°, 72%, 62%
HSV	219°, 61%, 89%
XYZ	27.1166, 25.8531, 76.9597
YIQ	133.3100, -58.6900, 17.3900

# Conversions

## Conversions Part 2

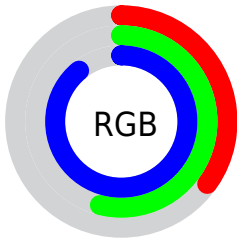
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	88, 125, 228
Decimal	5802724
CIE Lab	57.90, 10.63, -50.75
CIE LCh	58, 51.848, 281.834
Yxy	25.8531, 0.2087, 0.1990
Android (android.graphics.Color)	4283992804 (0xFF588AE4)
YUV	133.3100, 46.6822, -39.7369
Hunter-Lab	50.8459, 6.2152, -54.1484

# Details

The Android color `4283992804` 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 `4293177944`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4287938559`, and `4278213036` is the 20% darker color. If you saturate the color by 10%, you get `4282481636`, and if you desaturate by 10%, it is `4285503972`.

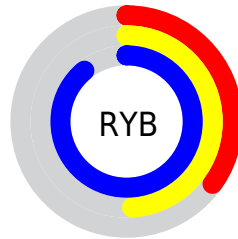
# Distribution



Red (35%)

Green (54%)

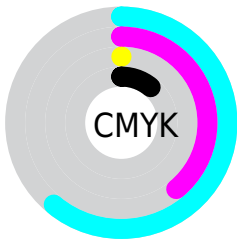
Blue (89%)



Red (35%)

Yellow (49%)

Blue (89%)

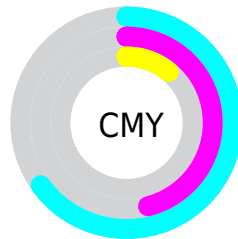


Cyan (61%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (65%)

Magenta (46%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283992804 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 4283992804 by changing the saturation by 10% instead.



 4283992804

 4283992804

4294967295

 4281758152

 4287938559

 4278213036

 4289911807

 4278207121

 4291885055

 4278201719

 4293853183

 4278196573

 4278191941

 4278191150

 4278190360

 4278190080

 4283992804

 4283992804

 4282481636

 4285503972

 4280970724

 4287014884

 4279525092

 4288460516

 4278211044

 4289971684

 4291482596

 4292993764

 4294504932

 4294967268

# Harmonies

## Analogous

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



4278229217



4283992804



4289034447

# Triad

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



4283992804



4292242769



4278230893

# Complementary

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



4283992804



4293177944

# 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.



4284586308



4283992804



4290477874

# Square

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



4283992804



4292829819



4287860267



4278231452

# Rectangle

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



4283992804



4291128503



4287860267



4281310814



# Sweetspot

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



4283992804



4291944959



4284015793



4284706176



4278190080



4286611584



# Same Dimension

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



4283992804



4282550015



4285225188



4284967795



4278206643



4278194739



# Inverse Universe

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



4293154954



4294918790



4291945560



4285753195



4289921088



4281532434



# Previews

## White Background



This preview shows how the Android color 4283992804 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



This preview shows how the Android color 4283992804 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 × Fail

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



# Android 4283992804 Background



This preview shows how black text looks on a background with the Android color 4283992804.



This preview shows how white text looks on a background with the Android color 4283992804.

# 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**  
4283992804

**Protanopia**  
4284975074

**Deuteranopia**  
4283599844



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283992804 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(88, 138, 228)` looks like.

```
.text, #text, p{  
    color:rgb(88, 138, 228)  
}
```

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(88, 138, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 138, 228) }
```

## Border

The CSS property to change the border of an element to Android 4283992804 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(88, 138, 228) }
```

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

```
.border{ border-color:rgb(88, 138, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 138, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 138, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 138, 228);  
box-shadow:4px 4px 4px 4px rgb(88, 138,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4283992804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 138, 228) }
```

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

```
.background{ background-color: rgb(88, 138,  
228) }
```

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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