

# Converting Colors

Android(4285371896)

Have a look what the booklet for  
Android(4285371896) contains.

<b>Android(4285371896)</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(4285371896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D95F8
RGB	109, 149, 248
RGB Percent	43%, 58%, 97%
CMY	0.5725, 0.4157, 0.0275
CMYK	0.56, 0.40, 0.00, 0.03
HSL	223°, 91%, 70%
HSV	223°, 56%, 97%
XYZ	33.9974, 31.5234, 93.0997
YIQ	148.3260, -55.6190, 22.3090

# Conversions

## Conversions Part 2

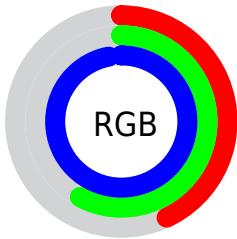
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 140, 248
Decimal	7181816
CIE Lab	62.95, 14.64, -53.71
CIE LCh	63, 55.671, 285.245
Yxy	31.5234, 0.2143, 0.1987
Android (android.graphics.Color)	4285371896 (0xFF6D95F8)
YUV	148.3260, 49.1393, -34.4889
Hunter-Lab	56.1457, 9.8305, -59.0115

# Details

The Android color `4285371896` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294496365`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4289317887`, and `4280902591` is the 20% darker color. If you saturate the color by 10%, you get `4283728888`, and if you desaturate by 10%, it is `4287014904`.

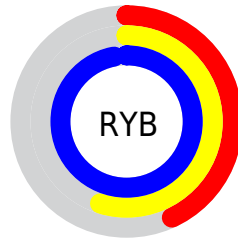
# Distribution



Red (43%)

Green (58%)

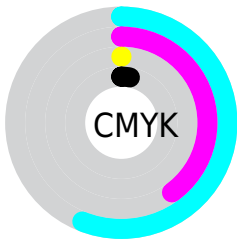
Blue (97%)



Red (43%)

Yellow (55%)

Blue (97%)

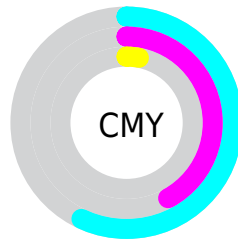


Cyan (56%)

Magenta (40%)

Yellow (0%)

Black (3%)



Cyan (57%)

Magenta (42%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285371896 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 4285371896 by changing the saturation by 10% instead.



 4285371896

 4285371896

4294967295

 4283333595

 4289317887

 4280902591

 4291291135

 4278209443

 4293263359

 4278203785

 4278198639

 4278192982

 4278191678

 4278190887

 4278190352

■ 4285371896

■ 4285371896

■ 4283728888

■ 4287014904

■ 4282086136

■ 4288657656

■ 4280508664

■ 4290235128

■ 4278865656

■ 4291878136

■ 4278208504

■ 4293520888

■ 4294967288

# Harmonies

## Analogous

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



4278232568



4285371896



4290544094

# Triad

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



4285371896



4293360212



4278235005

# Complementary

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



4285371896



4294496365

# 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.



4284721487



4285371896



4291333428

# Square

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



4285371896



4294208641



4288388657



4278235569

# Rectangle

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



4285371896



4292572355



4288388657



4280593773



# Sweetspot

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



4285371896



4292141311



4285397198



4284902784



4278190080



4286611584



# Same Dimension

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



4285371896



4283729407



4287196664



4285559933



4278204093



4278194749



# Inverse Universe

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



4294471061



4294923397



4292671597



4286410868



4290576438



4282187794



# Previews

## White Background



This preview shows how the Android color 4285371896 looks on a white background.

## Color Contrast Check

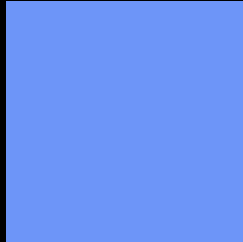
Large Text (above 18pt) WCAG AA × Fail

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 4285371896 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 4285371896 Background



This preview shows how black text looks on a background with the Android color 4285371896.



This preview shows how white text looks on a background with the Android color 4285371896.

# 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**

4285371896

**Protanopia**

4285568247

**Deuteranopia**

4284324087



# Trichromacy



**Original Color**  
4285371896

**Protanomaly**  
4285502711

**Deuteranomaly**  
4284717047

**Tritanomaly**  
4284260299

# Monochromacy



**Original Color**  
4285371896

**Achromatopsia**  
4287927444

**Achromatomaly**  
4287009976

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285371896 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(109, 149, 248)` looks like.

```
.text, #text, p{  
    color:rgb(109, 149, 248)  
}
```

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(109, 149, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 149, 248) }
```

## Border

The CSS property to change the border of an element to Android 4285371896 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(109, 149, 248) }
```

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

```
.border{ border-color:rgb(109, 149, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 149, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 149, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 149, 248); box-shadow:4px 4px 4px 4px rgb(109, 149, 248) }
```

# Background

The CSS property to change the background color of an element to Android 4285371896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 149, 248) }
```

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

```
.background{ background-color: rgb(109,  
149, 248) }
```

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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