

# Converting Colors

Android(4284455419)

Have a look what the booklet for  
Android(4284455419) contains.

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# **Color**

**Android(4284455419)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F99FB
RGB	95, 153, 251
RGB Percent	37%, 60%, 98%
CMY	0.6275, 0.4000, 0.0157
CMYK	0.62, 0.39, 0.00, 0.02
HSL	218°, 95%, 68%
HSV	218°, 62%, 98%
XYZ	33.5231, 32.1804, 95.7114
YIQ	146.8300, -66.0260, 18.1820

# Conversions

## Conversions Part 2

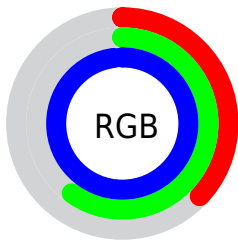
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 137, 251
Decimal	6265339
CIE Lab	63.49, 10.63, -54.53
CIE LCh	63, 55.558, 281.033
Yxy	32.1804, 0.2077, 0.1994
Android (android.graphics.Color)	4284455419 (0xFF5F99FB)
YUV	146.8300, 51.3558, -45.4549
Hunter-Lab	56.7278, 6.2105, -60.3249

# Details

The Android color `4284455419` 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 `4294689119`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4288532479`, and `4278216642` is the 20% darker color. If you saturate the color by 10%, you get `4282812923`, and if you desaturate by 10%, it is `4286097915`.

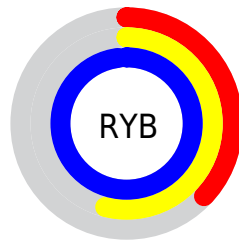
# Distribution



Red (37%)

Green (60%)

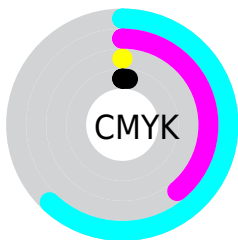
Blue (98%)



Red (37%)

Yellow (54%)

Blue (98%)

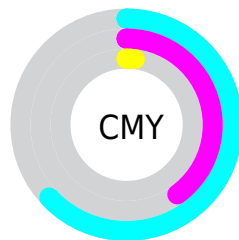


Cyan (62%)

Magenta (39%)

Yellow (0%)

Black (2%)



Cyan (63%)

Magenta (40%)
















Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284455419 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 4284455419 by changing the saturation by 10% instead.



 4284455419	 4284455419
4294967295	 4282154974
 4288532479	 4278216642
 4290505727	 4278210470
 4292542463	 4278204811
 4294508543	 4278199665
	 4278194264
	 4278191936
	 4278190889
	 4278190355

■ 4284455419

■ 4284455419

■ 4282812923

■ 4286097915

■ 4281170427

■ 4287740411

■ 4279528187

■ 4289382651

■ 4278214139

■ 4291025147

■ 4292667643

■ 4294375675

■ 4294967291

# Harmonies

## Analogous

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



4278233335



4284455419



4290020837

# Triad

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



4284455419



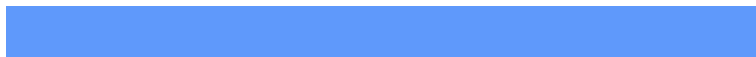
4293687643



4278235256

# Complementary

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



4284455419



4294689119

# 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.



4285376843



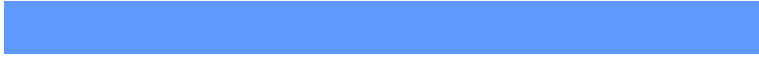
4284455419



4291791929

# Square

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



4284455419



4294274441



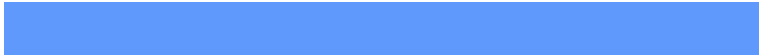
4288978225



4278235819

# Rectangle

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



4284455419



4292311242



4288978225



4281970280



# Sweetspot

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



4284455419



4291813887



4284480447



4284640640



4278190080



4286611584



# Same Dimension

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



4284455419



4282419199



4285620219



4285560189



4278208189



4278196029



# Inverse Universe

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



4294664089



4294918279



4293524319



4286410869



4290576454



4282187799



# Previews

## White Background



This preview shows how the Android color 4284455419 looks on a white background.

## Color Contrast Check

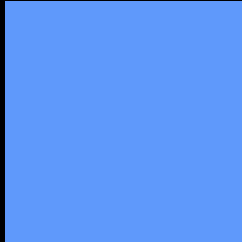
Large Text (above 18pt) WCAG AA × Fail

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 4284455419 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

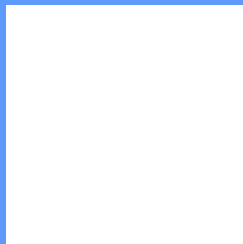
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284455419 Background



This preview shows how black text looks on a background with the Android color 4284455419.



This preview shows how white text looks on a background with the Android color 4284455419.

# 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**  
4284455419

**Protanopia**  
4285699832

**Deuteranopia**  
4284193531



# Trichromacy



**Original Color**  
4284455419

**Protanomaly**  
4285241337

**Deuteranomaly**  
4284259067

**Tritanomaly**  
4283016142

# Monochromacy



**Original Color**  
4284455419

**Achromatopsia**  
4287861651

**Achromatomaly**  
4286617017

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284455419 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(95, 153, 251)` looks like.

```
.text, #text, p{  
    color:rgb(95, 153, 251)  
}
```

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(95, 153, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 153, 251) }
```

## Border

The CSS property to change the border of an element to Android 4284455419 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(95, 153, 251) }
```

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

```
.border{ border-color:rgb(95, 153, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 153, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 153, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 153, 251);  
box-shadow:4px 4px 4px 4px rgb(95, 153,  
251) }
```

# Background

The CSS property to change the background color of an element to Android 4284455419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 153, 251) }
```

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

```
.background{ background-color: rgb(95, 153,  
251) }
```

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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