

# Converting Colors

Android(4283996925)

Have a look what the booklet for  
Android(4283996925) contains.

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# **Color**

**Android(4283996925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	589AFD
RGB	88, 154, 253
RGB Percent	35%, 60%, 99%
CMY	0.6549, 0.3961, 0.0078
CMYK	0.65, 0.39, 0.00, 0.01
HSL	216°, 98%, 67%
HSV	216°, 65%, 99%
XYZ	33.3097, 32.2778, 97.4031
YIQ	145.5520, -71.1150, 16.7970

# Conversions

## Conversions Part 2

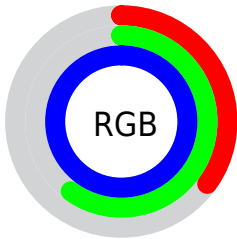
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 135, 253
Decimal	5806845
CIE Lab	63.57, 9.54, -55.52
CIE LCh	64, 56.329, 279.746
Yxy	32.2778, 0.2044, 0.1980
Android (android.graphics.Color)	4283996925 (0xFF589AFD)
YUV	145.5520, 52.9719, -50.4731
Hunter-Lab	56.8135, 5.2308, -61.8794

# Details

The Android color `4283996925` 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 `4294818648`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4288205055`, and `4278216900` is the 20% darker color. If you saturate the color by 10%, you get `4282354685`, and if you desaturate by 10%, it is `4285639165`.

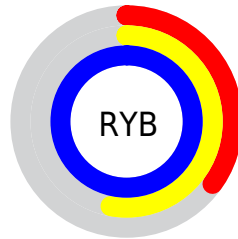
# Distribution



Red (35%)

Green (60%)

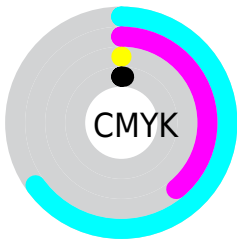
Blue (99%)



Red (35%)

Yellow (53%)

Blue (99%)

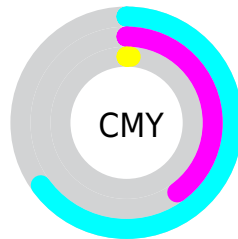


Cyan (65%)

Magenta (39%)

Yellow (0%)

Black (1%)



Cyan (65%)

Magenta (40%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283996925 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 4283996925 by changing the saturation by 10% instead.



 4283996925

 4283996925

4294967295

 4281499872

 4288205055

 4278216900

 4290178303

 4278210728

 4292214783

 4278205069

 4294246399

 4278199923

 4278194522

 4278191938

 4278190890

 4278190357

■ 4283996925

■ 4283996925

■ 4282354685

■ 4285639165

■ 4280646909

■ 4287346941

■ 4279004413

■ 4288989437

■ 4278216189

■ 4290631677

■ 4292339453

■ 4293981693

4294967293

# Harmonies

## Analogous

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



4278233592



4283996925



4289890024

# Triad

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



4283996925



4293818460



4278235253

# Complementary

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



4283996925



4294818648

# 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.



4285507912



4283996925



4291922745

# Square

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



4283996925



4294339724



4289109295



4278236073

# Rectangle

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



4283996925



4292245709



4289109295



4282166885



# Sweetspot

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



4283996925



4291617023



4284022203



4284575104



4278190080

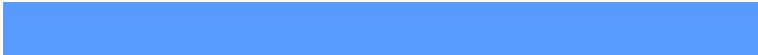


4286611584

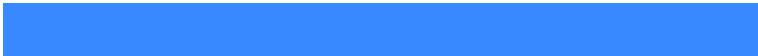


# Same Dimension

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



4283996925



4281895167



4285028605



4285757568



4278209983



4278196800



# Inverse Universe

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



4294793370



4294916232



4293786968



4286608248



4290707532



4282384409



# Previews

## White Background



This preview shows how the Android color 4283996925 looks on a white background.

## Color Contrast Check

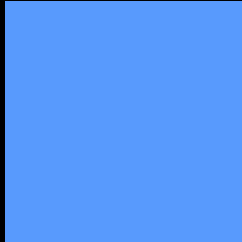
Large Text (above 18pt) WCAG AA × Fail

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 4283996925 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

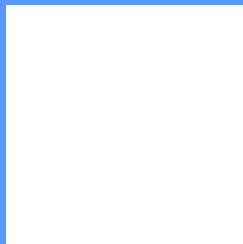
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283996925 Background



This preview shows how black text looks on a background with the Android color 4283996925.



This preview shows how white text looks on a background with the Android color 4283996925.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283996925 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, 154, 253)` looks like.

```
.text, #text, p{  
    color:rgb(88, 154, 253)  
}
```

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, 154, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 154, 253) }
```

## Border

The CSS property to change the border of an element to Android 4283996925 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, 154, 253) }
```

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

```
.border{ border-color:rgb(88, 154, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 154, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 154, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 154, 253);  
box-shadow:4px 4px 4px 4px rgb(88, 154,  
253) }
```

# Background

The CSS property to change the background color of an element to Android 4283996925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 154, 253) }
```

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

```
.background{ background-color: rgb(88, 154,  
253) }
```

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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