

# Converting Colors

Android(4283867898)

Have a look what the booklet for  
Android(4283867898) contains.

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**Color**

**Android(4283867898)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56A2FA
RGB	86, 162, 250
RGB Percent	34%, 64%, 98%
CMY	0.6627, 0.3647, 0.0196
CMYK	0.66, 0.35, 0.00, 0.02
HSL	212°, 94%, 66%
HSV	212°, 66%, 98%
XYZ	34.0134, 34.7212, 95.3516
YIQ	149.3080, -73.5440, 11.2560

# Conversions

## Conversions Part 2

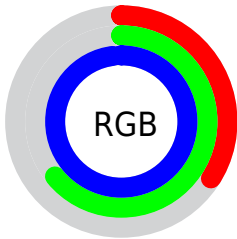
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 138, 250
Decimal	5677818
CIE Lab	65.53, 3.56, -50.78
CIE LCh	66, 50.900, 274.006
Yxy	34.7212, 0.2073, 0.2116
Android (android.graphics.Color)	4283867898 (0xFF56A2FA)
YUV	149.3080, 49.6412, -55.5211
Hunter-Lab	58.9247, -0.0818, -54.6954

# Details

The Android color `4283867898` is a light color, and the websafe version is hex `3399FF`. The color can be described as light muted azure. A complement of this color would be `4294618710`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4288076031`, and `4278218689` is the 20% darker color. If you saturate the color by 10%, you get `4282226170`, and if you desaturate by 10%, it is `4285509626`.

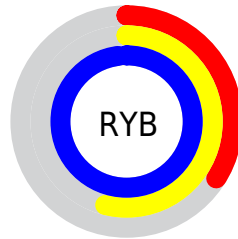
# Distribution



Red (34%)

Green (64%)

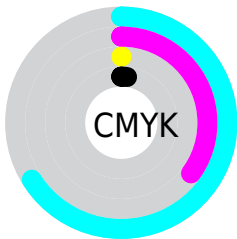
Blue (98%)



Red (34%)

Yellow (54%)

Blue (98%)

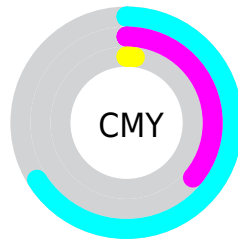


Cyan (66%)

Magenta (35%)

Yellow (0%)

Black (2%)



Cyan (66%)

Magenta (36%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283867898 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 4283867898 by changing the saturation by 10% instead.



 4283867898

 4283867898

4294967295

 4281305309

 4288076031

 4278218689

 4290049535

 4278212517

 4292083711

 4278206603

 4294049791

 4278201201

 4278196056

 4278191936

 4278190889

 4278190355

■ 4283867898

■ 4283867898

■ 4282226170

■ 4285509626

■ 4280584186

■ 4287151610

■ 4278942458

■ 4288793338

■ 4278220026

■ 4290435322

■ 4292077050

■ 4293718778

■ 4294967290

# Harmonies

## Analogous

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



4278234864



4283867898



4289368555

# Triad

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



4283867898



4293951087



4282692469

# Complementary

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



4283867898



4294618710

# 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.



4286884688



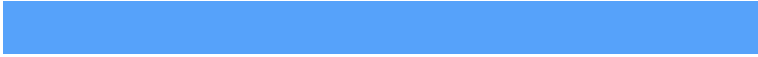
4283867898



4292447821

# Square

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



4283867898



4294146203



4290027328



4278236836

# Rectangle

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



4283867898



4291790293



4290027328



4284330343

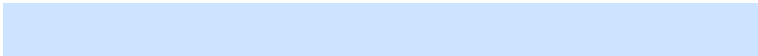


# Sweetspot

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



4283867898



4291618047



4283890349



4284575616



4278190080



4286611584



# Same Dimension

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



4283867898



4281766911



4284176122



4285560445



4278212541



4278197309



# Inverse Universe

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



4294596258



4294915731



4294310486



4286410870



4290576471



4282187804



# Previews

## White Background



This preview shows how the Android color 4283867898 looks on a white background.

## Color Contrast Check

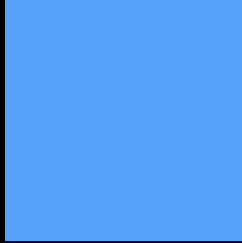
Large Text (above 18pt) WCAG AA × Fail

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 4283867898 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

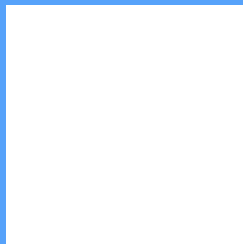
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283867898 Background



This preview shows how black text looks on a background with the Android color 4283867898.



This preview shows how white text looks on a background with the Android color 4283867898.

# 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



**Original Color**  
4283867898

**Protanomaly**  
4285505270

**Deuteranomaly**  
4284719099

**Tritanomaly**  
4282297043

# Monochromacy



**Original Color**  
4283867898

**Achromatopsia**  
4287993237

**Achromatomaly**  
4286487226

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283867898 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(86, 162, 250)` looks like.

```
.text, #text, p{  
    color:rgb(86, 162, 250)  
}
```

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(86, 162, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 162, 250) }
```

## Border

The CSS property to change the border of an element to Android 4283867898 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(86, 162, 250) }
```

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

```
.border{ border-color:rgb(86, 162, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 162, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 162, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 162, 250);  
box-shadow:4px 4px 4px 4px rgb(86, 162,  
250) }
```

# Background

The CSS property to change the background color of an element to Android 4283867898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 162, 250) }
```

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

```
.background{ background-color: rgb(86, 162,  
250) }
```

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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