

# Converting Colors

Android(4281964794)

Have a look what the booklet for  
Android(4281964794) contains.

<b>Android(4281964794)</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(4281964794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3998FA
RGB	57, 152, 250
RGB Percent	22%, 60%, 98%
CMY	0.7765, 0.4039, 0.0196
CMYK	0.77, 0.39, 0.00, 0.02
HSL	210°, 95%, 60%
HSV	210°, 77%, 98%
XYZ	30.1709, 30.2285, 94.6870
YIQ	134.7670, -88.0780, 10.3380

# Conversions

## Conversions Part 2

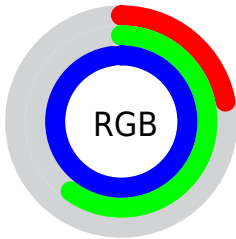
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	57, 121, 250
Decimal	3774714
CIE Lab	61.85, 5.51, -56.67
CIE LCh	62, 56.942, 275.557
Yxy	30.2285, 0.1945, 0.1949
Android (android.graphics.Color)	4281964794 (0xFF3998FA)
YUV	134.7670, 56.8099, -68.2017
Hunter-Lab	54.9804, 1.7374, -63.6226

# Details

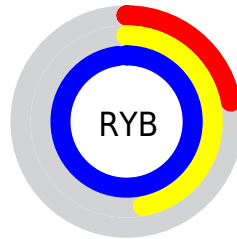
The Android color `4281964794` is a light color, and the websafe version is hex `3399FF`. The color can be described as light washed azure. A complement of this color would be `4294613817`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4286762751`, and `4278216385` is the 20% darker color. If you saturate the color by 10%, you get `4280323066`, and if you desaturate by 10%, it is `4283606522`.

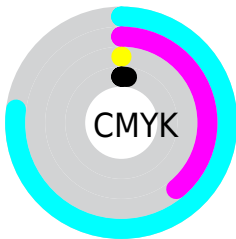
# Distribution



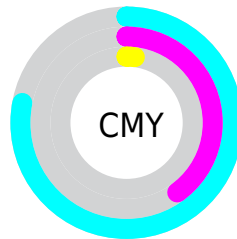
- Red (22%)
- Green (60%)
- Blue (98%)



- Red (22%)
- Yellow (47%)
- Blue (98%)



- Cyan (77%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)




- Cyan (78%)
- Magenta (40%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281964794 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 4281964794 by changing the saturation by 10% instead.



 4281964794

 4281964794

4294967295

 4278222557

 4286762751

 4278216385

 4288867071

 4278210213

 4290904063

 4278204554

 4292935679

 4278199408

 4278193751

 4278191679

 4278190888

 4278190354

■ 4281964794

■ 4281964794

■ 4280323066

■ 4283606522

■ 4278681594

■ 4285247994

■ 4278221818

■ 4286889722

■ 4288531450

■ 4290172922

■ 4291814650

■ 4293456378

■ 4294967034

■ 4294967290

# Harmonies

## Analogous

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



4278232817



4281964794



4288972008

# Triad

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



4281964794



4293685341



4279413610

# Complementary

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



4281964794



4294613817

# 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.



4285768510



4281964794



4291920951

# Square

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



4281964794



4294010766



4289238567



4278234782

# Rectangle

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



4281964794



4291589839



4289238567



4282624346

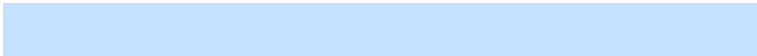


# Sweetspot

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



4281964794



4291092991



4281989786



4284247424



4278190080



4286611584

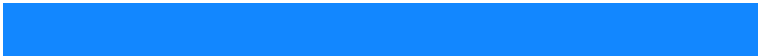


# Same Dimension

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



4281964794



4279404543



4281940474



4285560701



4278214077



4278197821



# Inverse Universe

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



4294588824



4294906503



4294638137



4286410871



4290576477



4282187806



# Previews

## White Background



This preview shows how the Android color 4281964794 looks on a white background.

## Color Contrast Check

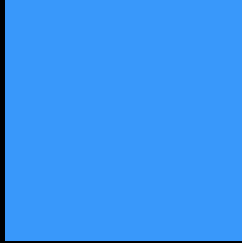
Large Text (above 18pt) WCAG AA × Fail

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 4281964794 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

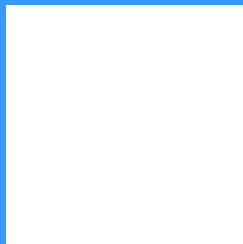
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281964794 Background



This preview shows how black text looks on a background with the Android color 4281964794.



This preview shows how white text looks on a background with the Android color 4281964794.

# 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**  
4281964794

**Protanomaly**  
4284126454

**Deuteranomaly**  
4282750971

**Tritanomaly**  
4279607500

# Monochromacy



**Original Color**  
4281964794

**Achromatopsia**  
4287072135

**Achromatomaly**  
4285238705

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281964794 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(57, 152, 250)` looks like.

```
.text, #text, p{  
    color:rgb(57, 152, 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(57, 152, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 152, 250) }
```

## Border

The CSS property to change the border of an element to Android 4281964794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

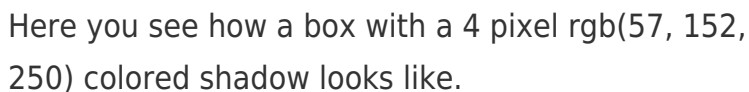
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 152, 250) }
```

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

```
.border{ border-color:rgb(57, 152, 250) }
```

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



Here you see how a box with a 4 pixel `rgb(57, 152, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 152, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 152, 250); box-shadow:4px 4px 4px 4px rgb(57, 152, 250) }
```

# Background

The CSS property to change the background color of an element to Android 4281964794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 152, 250) }
```

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

```
.background{ background-color: rgb(57, 152,  
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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