

# Converting Colors

Android(4281772797)

Have a look what the booklet for  
Android(4281772797) contains.

<b>Android(4281772797)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4281772797)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36AAFD
RGB	54, 170, 253
RGB Percent	21%, 67%, 99%
CMY	0.7882, 0.3333, 0.0078
CMYK	0.79, 0.33, 0.00, 0.01
HSL	205°, 98%, 60%
HSV	205°, 79%, 99%
XYZ	33.6257, 36.6256, 98.2257
YIQ	144.7780, -95.7790, 1.2210

# Conversions

## Conversions Part 2

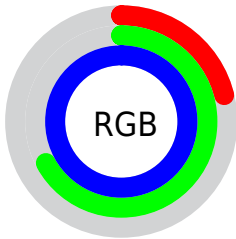
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	54, 127, 253
Decimal	3582717
CIE <sub>Lab</sub>	67.00, -4.11, -50.15
CIE <sub>LCh</sub>	67, 50.322, 265.316
Yxy	36.6256, 0.1996, 0.2174
Android (android.graphics.Color)	4281772797 (0xFF36AAFD)
YUV	144.7780, 53.3534, -79.6123
Hunter-Lab	60.5191, -6.7300, -53.8675

# Details

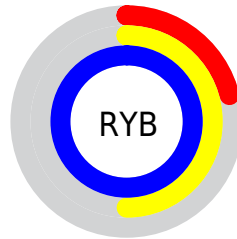
The Android color `4281772797` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4294805814`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4286702079`, and `4278220484` is the 20% darker color. If you saturate the color by 10%, you get `4280131581`, and if you desaturate by 10%, it is `4283414013`.

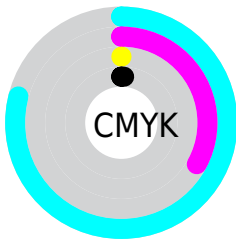
# Distribution



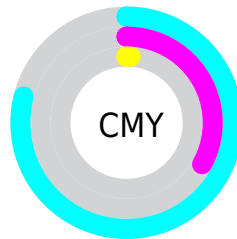
- Red (21%)
- Green (67%)
- Blue (99%)



- Red (21%)
- Yellow (50%)
- Blue (99%)



- Cyan (79%)
- Magenta (33%)
- Yellow (0%)
- Black (1%)




- Cyan (79%)
- Magenta (33%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281772797 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 4281772797 by changing the saturation by 10% instead.



 4281772797

 4281772797

4294967295

 4278227168

 4286702079

 4278220484

 4288806655

 4278214312

 4290904063

 4278208397

 4292935679

 4278202739

 4278197594

 4278191938

 4278190891

 4278190357

■ 4281772797

■ 4281772797

■ 4280131581

■ 4283414013

■ 4278425085

■ 4285120509

■ 4278227965

■ 4286761725

■ 4288402685

■ 4290109437

■ 4291750397

■ 4293391613

4294967037

4294967293

# Harmonies

## Analogous

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



4278236653



4281772797



4288387829

# Triad

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



4281772797



4294410367



4284462445

# Complementary

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



4281772797



4294805814

# 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.



4288130125



4281772797



4293234010

# Square

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



4281772797



4294147500



4291075654



4278237594

# Rectangle

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



4281772797



4291071715



4291075654



4285838177

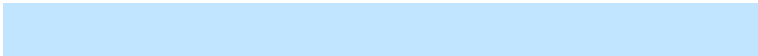


# Sweetspot

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



4281772797



4290962943



4281793929



4284182656



4278190080



4286611584



# Same Dimension

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



4281772797



4279213055



4281747453



4285758080



4278218687



4278199616



# Inverse Universe

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



4294784682



4294905755



4294831158



4286608250



4290707567



4282384421



# Previews

## White Background



This preview shows how the Android color 4281772797 looks on a white background.

## Color Contrast Check

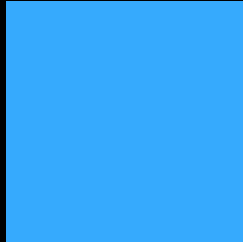
Large Text (above 18pt) WCAG AA × Fail

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 4281772797 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

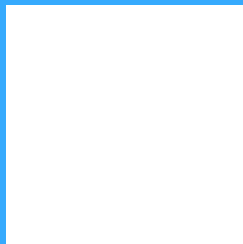
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281772797 Background



This preview shows how black text looks on a background with the Android color 4281772797.



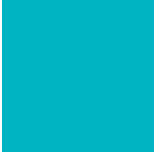
This preview shows how white text looks on a background with the Android color 4281772797.

# 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**  
4281772797

**Protanomaly**  
4285047799

**Deuteranomaly**  
4284130814

**Tritanomaly**  
4279546071

# Monochromacy



**Original Color**  
4281772797

**Achromatopsia**  
4287730065

**Achromatomaly**  
4285569720

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281772797 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(54, 170, 253)` looks like.

```
.text, #text, p{  
    color:rgb(54, 170, 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(54, 170, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 170, 253) }
```

## Border

The CSS property to change the border of an element to Android 4281772797 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(54, 170, 253) }
```

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

```
.border{ border-color:rgb(54, 170, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 170, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 170, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 170, 253);  
box-shadow:4px 4px 4px 4px rgb(54, 170,  
253) }
```

# Background

The CSS property to change the background color of an element to Android 4281772797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 170, 253) }
```

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

```
.background{ background-color: rgb(54, 170,  
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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor