

# Converting Colors

Android(4281965296)

Have a look what the booklet for  
Android(4281965296) contains.

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# **Color**

**Android(4281965296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	399AF0
RGB	57, 154, 240
RGB Percent	22%, 60%, 94%
CMY	0.7765, 0.3961, 0.0588
CMYK	0.76, 0.36, 0.00, 0.06
HSL	208°, 86%, 58%
HSV	208°, 76%, 94%
XYZ	28.9711, 30.2723, 86.7543
YIQ	134.8010, -85.4180, 6.1820

# Conversions

## Conversions Part 2

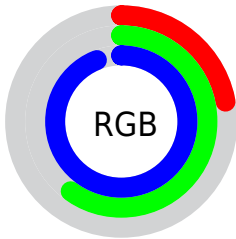
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	57, 120, 240
Decimal	3775216
CIE Lab	61.89, 0.77, -51.12
CIE LCh	62, 51.128, 270.862
Yxy	30.2723, 0.1984, 0.2073
Android (android.graphics.Color)	4281965296 (0xFF399AF0)
YUV	134.8010, 51.8631, -68.2315
Hunter-Lab	55.0203, -2.2957, -54.9724

# Details

The Android color `4281965296` 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 `4293955385`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4286632191`, and `4278216887` is the 20% darker color. If you saturate the color by 10%, you get `4280389616`, and if you desaturate by 10%, it is `4283540976`.

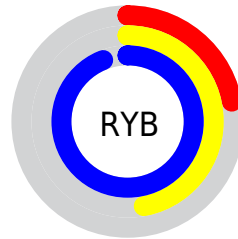
# Distribution



Red (22%)

Green (60%)

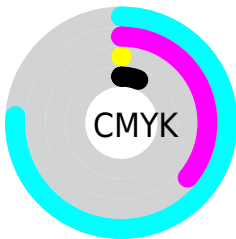
Blue (94%)



Red (22%)

Yellow (47%)

Blue (94%)

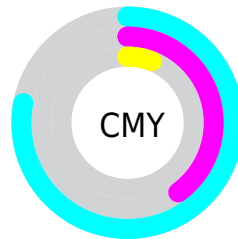


Cyan (76%)

Magenta (36%)

Yellow (0%)

Black (6%)



Cyan (78%)

Magenta (40%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281965296 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 4281965296 by changing the saturation by 10% instead.



 4281965296

 4281965296

4294967295

 4278223059

 4286632191

 4278216887

 4288670975

 4278210716

 4290707455

 4278205058

 4292739071

 4278199656

 4294770687

 4278193999

 4278191416

 4278190625

 4278190086

■ 4281965296

■ 4281965296

■ 4280389616

■ 4283540976

■ 4278813680

■ 4285116912

■ 4278222832

■ 4286692592

■ 4288268272

■ 4289843952

■ 4291419888

■ 4292995568

■ 4294571248

■ 4294967280

# Harmonies

## Analogous

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



4278232804



4281965296



4288252388

# Triad

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



4281965296



4293358442



4282493031

# Complementary

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



4281965296



4293955385

# 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.



4286619716



4281965296



4291986246

# Square

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



4281965296



4293357206



4289631286



4278234261

# Rectangle

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



4281965296



4290805199



4289631286



4284130906

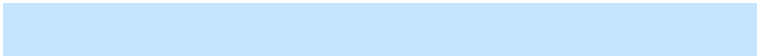


# Sweetspot

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



4281965296



4291093503



4281987214



4284247936



4278190080



4286611584



# Same Dimension

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



4281965296



4279538175



4281942000



4285297272



4278215096



4278197816



# Inverse Universe

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



4293933466



4294907025



4293978681



4286082162



4290248801

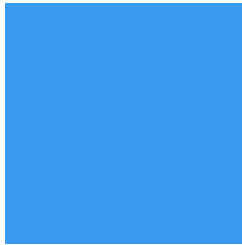


4281860126



# Previews

## White Background



This preview shows how the Android color 4281965296 looks on a white background.

## Color Contrast Check

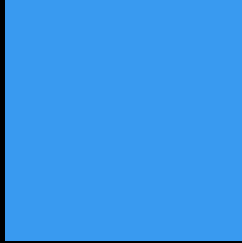
Large Text (above 18pt) WCAG AA × Fail

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 4281965296 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

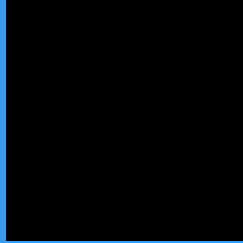
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

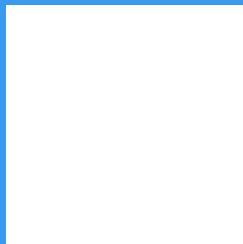
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281965296 Background



This preview shows how black text looks on a background with the Android color 4281965296.

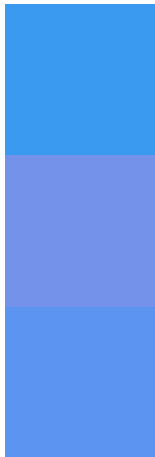


This preview shows how white text looks on a background with the Android color 4281965296.

# 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**  
4281965296

**Protanopia**  
4285829865

**Deuteranopia**  
4284257777



# Trichromacy



**Original Color**  
4281965296

**Protanomaly**  
4284454380

**Deuteranomaly**  
4283406321

**Tritanomaly**  
4279607753

# Monochromacy



**Original Color**  
4281965296

**Achromatopsia**  
4287072135

**Achromatomaly**  
4285238957

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281965296 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, 154, 240)` looks like.

```
.text, #text, p{  
    color:rgb(57, 154, 240)  
}
```

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, 154, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 154, 240) }
```

## Border

The CSS property to change the border of an element to Android 4281965296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

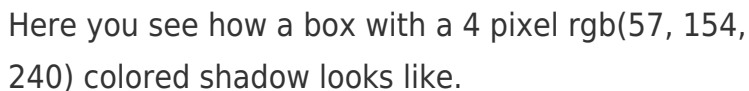
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 154, 240) }
```

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

```
.border{ border-color:rgb(57, 154, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(57, 154, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 154, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 154, 240); box-shadow:4px 4px 4px 4px rgb(57, 154, 240) }
```

# Background

The CSS property to change the background color of an element to Android 4281965296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 154, 240) }
```

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

```
.background{ background-color: rgb(57, 154,  
240) }
```

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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