

# Converting Colors

Android(4281901565)

Have a look what the booklet for  
Android(4281901565) contains.

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# **Color**

**Android(4281901565)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	38A1FD
RGB	56, 161, 253
RGB Percent	22%, 63%, 99%
CMY	0.7804, 0.3686, 0.0078
CMYK	0.78, 0.36, 0.00, 0.01
HSL	208°, 98%, 61%
HSV	208°, 78%, 99%
XYZ	32.1054, 33.4223, 97.6875
YIQ	140.0930, -92.1120, 6.3520

# Conversions

## Conversions Part 2

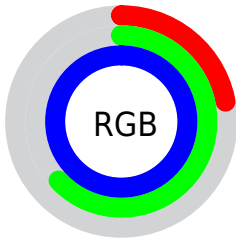
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 124, 253
Decimal	3711485
CIELab	64.50, 1.23, -54.10
CIELCh	65, 54.114, 271.300
Yxy	33.4223, 0.1967, 0.2048
Android (android.graphics.Color)	4281901565 (0xFF38A1FD)
YUV	140.0930, 55.6632, -73.7496
Hunter-Lab	57.8121, -2.0428, -59.7164

# Details

The Android color `4281901565` 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 `4294808632`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4286765055`, and `4278218436` is the 20% darker color. If you saturate the color by 10%, you get `4280260093`, and if you desaturate by 10%, it is `4283543037`.

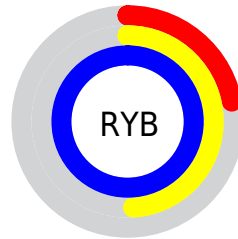
# Distribution



Red (22%)

Green (63%)

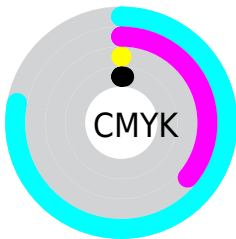
Blue (99%)



Red (22%)

Yellow (49%)

Blue (99%)

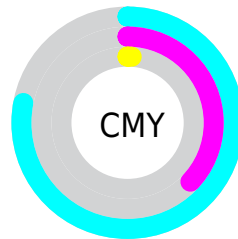


Cyan (78%)

Magenta (36%)

Yellow (0%)

Black (1%)



Cyan (78%)

Magenta (37%)


Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281901565 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 4281901565 by changing the saturation by 10% instead.



 4281901565

 4281901565

4294967295

 4278224864

 4286765055

 4278218436

 4288869631

 4278212264

 4290904063

 4278206605

 4293001215

 4278201203

 4278196058

 4278191938

 4278190891

 4278190357

■ 4281901565

■ 4281901565

■ 4280260093

■ 4283543037

■ 4278553085

■ 4285250045

■ 4278224893

■ 4286891261

■ 4288532733

■ 4290239741

■ 4291881213

■ 4293522685

4294967293

# Harmonies

## Analogous

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



4278234608



4281901565



4288778223

# Triad

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



4281901565



4294146157



4282429804

# Complementary

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



4281901565



4294808632

# 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.



4286883909



4281901565



4292643143

# Square

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



4281901565



4294144412



4290091830



4278236317

# Rectangle

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



4281901565



4291461849



4290091830



4284198493

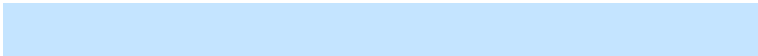


# Sweetspot

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



4281901565



4291093759



4281925012



4284247936



4278190080



4286611584



# Same Dimension

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



4281901565



4279406847



4281876477



4285758080



4278216383



4278198848



# Inverse Universe

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



4294785185



4294906512



4294833720



4286608250



4290707558



4282384418



# Previews

## White Background



This preview shows how the Android color 4281901565 looks on a white background.

## Color Contrast Check

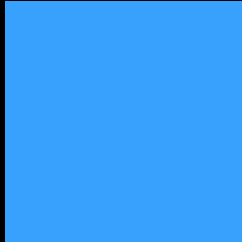
Large Text (above 18pt) WCAG AA × Fail

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 4281901565 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

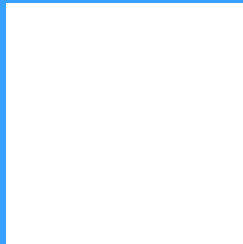
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281901565 Background



This preview shows how black text looks on a background with the Android color 4281901565.



This preview shows how white text looks on a background with the Android color 4281901565.

# 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](#).

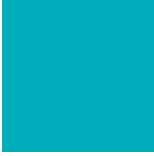
## Dichromacy



**Original Color**  
4281901565

**Protanopia**  
4286093557

**Deuteranopia**  
4284325118



# Trichromacy



**Original Color**  
4281901565

**Protanomaly**  
4284587000

**Deuteranomaly**  
4283473662

**Tritanomaly**  
4279544274

# Monochromacy



**Original Color**  
4281901565

**Achromatopsia**  
4287401100

**Achromatomaly**  
4285371573

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281901565 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(56, 161, 253)` looks like.

```
.text, #text, p{  
    color:rgb(56, 161, 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(56, 161, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 161, 253) }
```

## Border

The CSS property to change the border of an element to Android 4281901565 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(56, 161, 253) }
```

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

```
.border{ border-color:rgb(56, 161, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 161, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 161, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 161, 253);  
box-shadow:4px 4px 4px 4px rgb(56, 161,  
253) }
```

# Background

The CSS property to change the background color of an element to Android 4281901565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 161, 253) }
```

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

```
.background{ background-color: rgb(56, 161,  
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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