

# Converting Colors

Android(4286554097)

Have a look what the booklet for  
Android(4286554097) contains.

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# **Color**

**Android(4286554097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F9FF1
RGB	127, 159, 241
RGB Percent	50%, 62%, 95%
CMY	0.5020, 0.3765, 0.0549
CMYK	0.47, 0.34, 0.00, 0.05
HSL	223°, 80%, 72%
HSV	223°, 47%, 95%
XYZ	37.0277, 35.6592, 88.1504
YIQ	158.7800, -45.3940, 18.7180

# Conversions

## Conversions Part 2

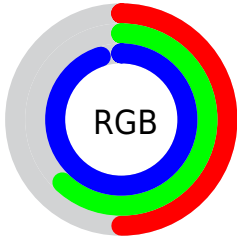
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 152, 241
Decimal	8364017
CIE <sub>Lab</sub>	66.26, 10.61, -44.58
CIE <sub>LCh</sub>	66, 45.822, 283.389
Yxy	35.6592, 0.2302, 0.2217
Android (android.graphics.Color)	4286554097 (0xFF7F9FF1)
YUV	158.7800, 40.5345, -27.8711
Hunter-Lab	59.7153, 6.1809, -45.7219

# Details

The Android color `4286554097` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294037887`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4290303487`, and `4282739896` is the 20% darker color. If you saturate the color by 10%, you get `4284976881`, and if you desaturate by 10%, it is `4288131313`.

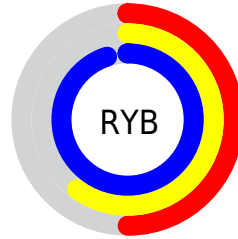
# Distribution



Red (50%)

Green (62%)

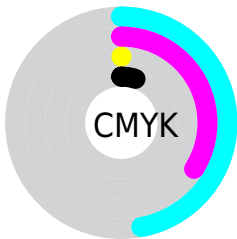
Blue (95%)



Red (50%)

Yellow (60%)

Blue (95%)

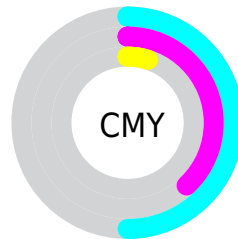


Cyan (47%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (50%)

Magenta (38%)















Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286554097 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 4286554097 by changing the saturation by 10% instead.



 4286554097	 4286554097
4294967295	 4284646868
 4290303487	 4282739896
 4292276991	 4280505501
 4294180863	 4278205827
	 4278200425
	 4278195536
	 4278191417
	 4278190626
	 4278190089

■ 4286554097

■ 4286554097

■ 4284976881

■ 4288131313

■ 4283399409

■ 4289708785

■ 4281822193

■ 4291286001

■ 4280244977

■ 4292863217

■ 4278667505

■ 4294506225

■ 4278207729

■ 4294967281

# Harmonies

## Analogous

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



4278234351



4286554097



4290547677

# Triad

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



4286554097



4293363818



4282168712

# Complementary

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



4286554097



4294037887

# 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.



4286230371



4286554097



4291663698

# Square

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



4286554097



4293885840



4289242446



4278236851

# Rectangle

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



4286554097



4292380359



4289242446



4283806587



# Sweetspot

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



4286554097



4292601343



4286575057



4285165696



4278190080



4286611584



# Same Dimension

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



4286554097



4285437695



4288184305



4285296504



4278203576



4278194232



# Inverse Universe

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



4294016927



4294930070



4292407679



4286082159



4290248756

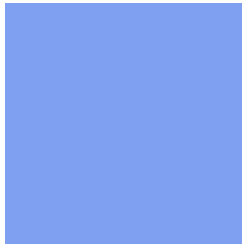


4281860112



# Previews

## White Background



This preview shows how the Android color 4286554097 looks on a white background.

## Color Contrast Check

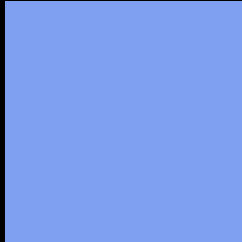
Large Text (above 18pt) WCAG AA × Fail

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 4286554097 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

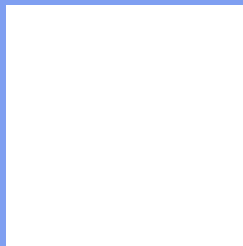
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286554097 Background



This preview shows how black text looks on a background with the Android color 4286554097.



This preview shows how white text looks on a background with the Android color 4286554097.

# 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**  
4286554097

**Protanopia**  
4286881520

**Deuteranopia**  
4286357745



# Trichromacy



**Original Color**  
4286554097

**Protanomaly**  
4286750448

**Deuteranomaly**  
4286423281

**Tritanomaly**  
4285834957

# Monochromacy



**Original Color**  
4286554097

**Achromatopsia**  
4288651167

**Achromatomaly**  
4287864765

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286554097 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(127, 159, 241)` looks like.

```
.text, #text, p{  
    color:rgb(127, 159, 241)  
}
```

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(127, 159, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 159, 241) }
```

## Border

The CSS property to change the border of an element to Android 4286554097 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(127, 159, 241) }
```

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

```
.border{ border-color:rgb(127, 159, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 159, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 159, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 159, 241);  
box-shadow:4px 4px 4px 4px rgb(127, 159,  
241) }
```

# Background

The CSS property to change the background color of an element to Android 4286554097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 159, 241) }
```

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

```
.background{ background-color: rgb(127,  
159, 241) }
```

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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