

# Converting Colors

Android(4286223096)

Have a look what the booklet for  
Android(4286223096) contains.

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# **Color**

**Android(4286223096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A92F8
RGB	122, 146, 248
RGB Percent	48%, 57%, 97%
CMY	0.5216, 0.4275, 0.0275
CMYK	0.51, 0.41, 0.00, 0.03
HSL	229°, 90%, 73%
HSV	229°, 51%, 97%
XYZ	35.2482, 31.4727, 93.0240
YIQ	150.4520, -47.0460, 26.6340

# Conversions

## Conversions Part 2

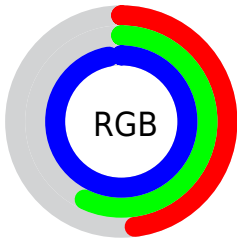
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	122, 142, 248
Decimal	8033016
CIELab	62.90, 19.12, -53.73
CIElCh	63, 57.035, 289.588
Yxy	31.4727, 0.2207, 0.1970
Android (android.graphics.Color)	4286223096 (0xFF7A92F8)
YUV	150.4520, 48.0912, -24.9524
Hunter-Lab	56.1005, 13.9765, -59.0424

# Details

The Android color `4286223096` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294500474`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4290103551`, and `4282212543` is the 20% darker color. If you saturate the color by 10%, you get `4284579576`, and if you desaturate by 10%, it is `4287866616`.

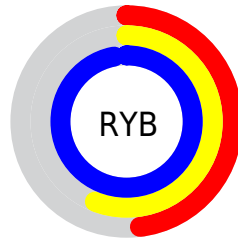
# Distribution



Red (48%)

Green (57%)

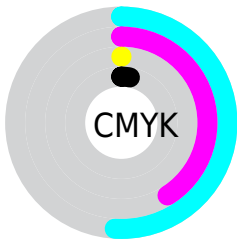
Blue (97%)



Red (48%)

Yellow (56%)

Blue (97%)

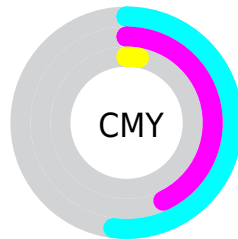


Cyan (51%)

Magenta (41%)

Yellow (0%)

Black (3%)



Cyan (52%)

Magenta (43%)















Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286223096 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 4286223096 by changing the saturation by 10% instead.



 4286223096	 4286223096
4294967295	 4284250331
 4290103551	 4282212543
 4292011263	 4279323043
 4293984255	 4278203273
	 4278198127
	 4278191958
	 4278191678
	 4278190887
	 4278190352

■ 4286223096

■ 4286223096

■ 4284579576

■ 4287866616

■ 4282936056

■ 4289510136

■ 4281358072

■ 4291088120

■ 4279714552

■ 4292731640

■ 4278202360

■ 4294375160

■ 4294967288

# Harmonies

## Analogous

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



4278232060



4286223096



4291067355

# Triad

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



4286223096



4293229644



4278235268

# Complementary

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



4286223096



4294500474

# 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.



4283869779



4286223096



4290940718

# Square

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



4286223096



4294274169



4287864880



4278235577

# Rectangle

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



4286223096



4293030077



4287864880



4278234739



# Sweetspot

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



4286223096



4292468991



4286249183



4285099392



4278190080



4286611584



# Same Dimension

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



4286223096



4284711423



4288707320



4285559677



4278199485



4278193213



# Inverse Universe

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



4294474386



4294927233



4292016250



4286410867



4290576420

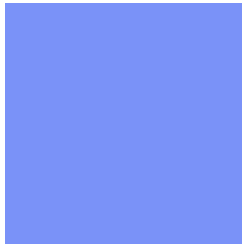


4282187788



# Previews

## White Background



This preview shows how the Android color 4286223096 looks on a white background.

## Color Contrast Check

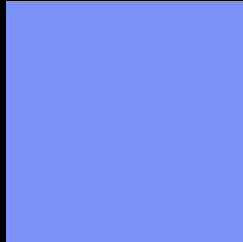
Large Text (above 18pt) WCAG AA × Fail

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 4286223096 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 4286223096 Background



This preview shows how black text looks on a background with the Android color 4286223096.



This preview shows how white text looks on a background with the Android color 4286223096.

# 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**  
4286223096

**Protanopia**  
4285437178

**Deuteranopia**  
4284389623



# Trichromacy



**Original Color**  
4286223096

**Protanomaly**  
4285699065

**Deuteranomaly**  
4285044471

**Tritanomaly**  
4285242570

# Monochromacy



**Original Color**  
4286223096

**Achromatopsia**  
4288059030

**Achromatomaly**  
4287403450

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286223096 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(122, 146, 248)` looks like.

```
.text, #text, p{  
    color:rgb(122, 146, 248)  
}
```

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(122, 146, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 146, 248) }
```

## Border

The CSS property to change the border of an element to Android 4286223096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

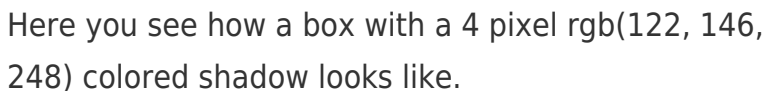
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(122, 146, 248) }
```

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

```
.border{ border-color:rgb(122, 146, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(122, 146, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 146, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 146, 248); box-shadow:4px 4px 4px 4px rgb(122, 146, 248) }
```

# Background

The CSS property to change the background color of an element to Android 4286223096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 146, 248) }
```

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

```
.background{ background-color: rgb(122,  
146, 248) }
```

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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