

# Converting Colors

Android(4285572591)

Have a look what the booklet for  
Android(4285572591) contains.

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# **Color**

**Android(4285572591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70A5EF
RGB	112, 165, 239
RGB Percent	44%, 65%, 94%
CMY	0.5608, 0.3529, 0.0627
CMYK	0.53, 0.31, 0.00, 0.06
HSL	215°, 80%, 69%
HSV	215°, 53%, 94%
XYZ	35.7172, 36.5870, 86.8409
YIQ	157.5890, -55.3420, 11.7780

# Conversions

## Conversions Part 2

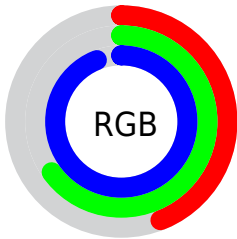
Format	Color
R <sub>Y</sub> B	112, 149, 239
Decimal	7382511
CIE Lab	66.97, 3.20, -42.43
CIE LCh	67, 42.550, 274.315
Yxy	36.5870, 0.2244, 0.2299
Android (android.graphics.Color)	4285572591 (0xFF70A5EF)
YUV	157.5890, 40.1356, -39.9816
Hunter-Lab	60.4872, -0.4497, -42.7810

# Details

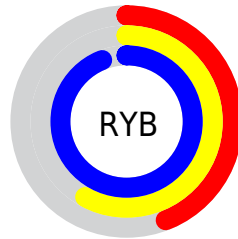
The Android color `4285572591` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293900912`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4289387775`, and `4281430711` is the 20% darker color. If you saturate the color by 10%, you get `4283996143`, and if you desaturate by 10%, it is `4287149039`.

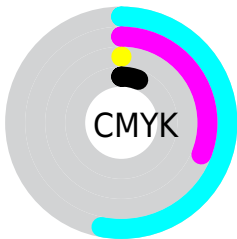
# Distribution



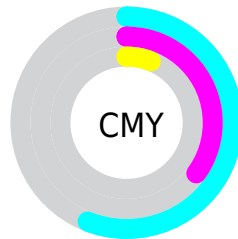
- Red (44%)
- Green (65%)
- Blue (94%)



- Red (44%)
- Yellow (58%)
- Blue (94%)



- Cyan (53%)
- Magenta (31%)
- Yellow (0%)
- Black (6%)

















- Cyan (56%)
- Magenta (35%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285572591 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 4285572591 by changing the saturation by 10% instead.



 4285572591	 4285572591
4294967295	 4283599826
 4289387775	 4281430711
 4291361023	 4278213019
 4293263359	 4278207105
	 4278201704
	 4278196559
	 4278191416
	 4278190625
	 4278190087

■ 4285572591

■ 4285572591

■ 4283996143

■ 4287149039

■ 4282419695

■ 4288725487

■ 4280843247

■ 4290301935

■ 4279266799

■ 4291878383

■ 4278215919

■ 4293389295

■ 4294965743

■ 4294967279

# Harmonies

## Analogous

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



4278235367



4285572591



4289632226

# Triad

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



4285572591



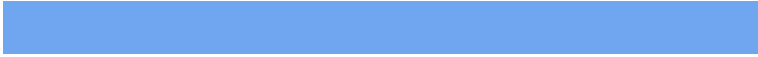
4293495162



4284265600

# Complementary

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



4285572591



4293900912

# 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.



4287475042



4285572591



4292253022

# Square

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



4285572591



4293624991



4290159445



4278237095

# Rectangle

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



4285572591



4291595984



4290159445

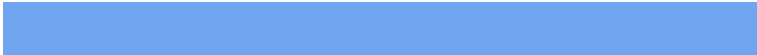


4285444725

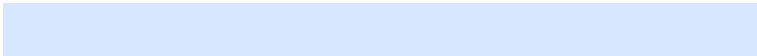


# Sweetspot

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



4285572591



4292274175



4285591480



4284969344



4278190080



4286611584



# Same Dimension

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



4285572591



4284260607



4286083311



4285297016



4278209976



4278196024



# Inverse Universe

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



4293882021



4294925472



4293390192



4286082161



4290248781

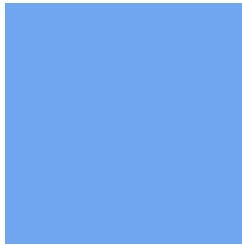


4281860119



# Previews

## White Background



This preview shows how the Android color 4285572591 looks on a white background.

## Color Contrast Check

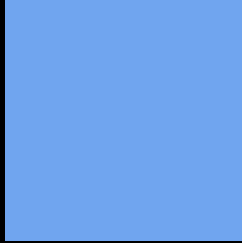
Large Text (above 18pt) WCAG AA × Fail

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 4285572591 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

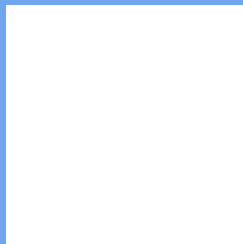
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285572591 Background



This preview shows how black text looks on a background with the Android color 4285572591.



This preview shows how white text looks on a background with the Android color 4285572591.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285572591 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(112, 165, 239)` looks like.

```
.text, #text, p{  
    color:rgb(112, 165, 239)  
}
```

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(112, 165, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 165, 239) }
```

## Border

The CSS property to change the border of an element to Android 4285572591 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(112, 165, 239) }
```

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

```
.border{ border-color:rgb(112, 165, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 165, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 165, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 165, 239);  
box-shadow:4px 4px 4px 4px rgb(112, 165,  
239) }
```

# Background

The CSS property to change the background color of an element to Android 4285572591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 165, 239) }
```

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

```
.background{ background-color: rgb(112,  
165, 239) }
```

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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