

# Converting Colors

Android(4285637116)

Have a look what the booklet for  
Android(4285637116) contains.

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# **Color**

**Android(4285637116)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71A1FC
RGB	113, 161, 252
RGB Percent	44%, 63%, 99%
CMY	0.5569, 0.3686, 0.0118
CMYK	0.55, 0.36, 0.00, 0.01
HSL	219°, 96%, 72%
HSV	219°, 55%, 99%
XYZ	37.1256, 36.0287, 97.0930
YIQ	157.0220, -57.8190, 18.1250

# Conversions

## Conversions Part 2

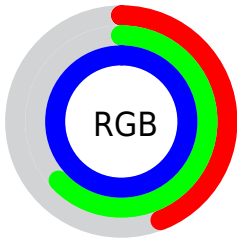
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 149, 252</a>
Decimal	<a href="#">7447036</a>
CIELab	<a href="#">66.54, 9.71, -50.19</a>
CIElCh	<a href="#">67, 51.121, 280.951</a>
Yxy	<a href="#">36.0287, 0.2181, 0.2116</a>
Android (android.graphics.Color)	<a href="#">4285637116</a> ( <a href="#">0xFF71A1FC</a> )
YUV	<a href="#">157.0220, 46.8242, -38.6073</a>
Hunter-Lab	<a href="#">60.0239, 5.3628, -53.8890</a>

# Details

The Android color `4285637116` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294757489`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4289583103`, and `4281298627` is the 20% darker color. If you saturate the color by 10%, you get `4283994620`, and if you desaturate by 10%, it is `4287279612`.

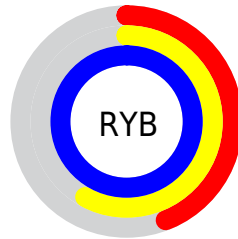
# Distribution



Red (44%)

Green (63%)

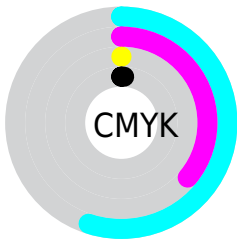
Blue (99%)



Red (44%)

Yellow (58%)

Blue (99%)

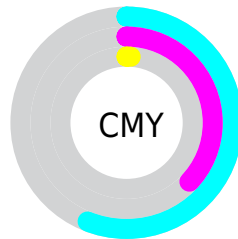


Cyan (55%)

Magenta (36%)

Yellow (0%)

Black (1%)



Cyan (56%)

Magenta (37%)















Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285637116 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 4285637116 by changing the saturation by 10% instead.



 4285637116	 4285637116
4294967295	 4283598815
 4289583103	 4281298627
 4291491071	 4278212263
 4293459967	 4278206348
	 4278200946
	 4278196057
	 4278191937
	 4278190890
	 4278190356

■ 4285637116

■ 4285637116

■ 4283994620

■ 4287279612

■ 4282351868

■ 4288922364

■ 4280643836

■ 4290630396

■ 4279001084

■ 4292273148

■ 4278212604

■ 4293915644

4294967292

# Harmonies

## Analogous

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



4278235128



4285637116



4290482152

# Triad

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



4285637116



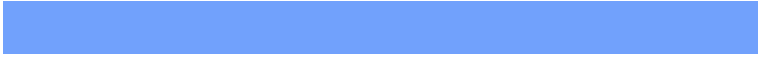
4293952616



4281251714

# Complementary

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



4285637116



4294757489

# 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.



4286230618



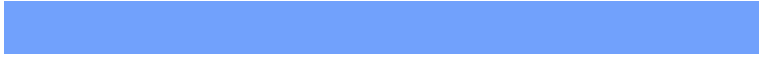
4285637116



4292187466

# Square

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



4285637116



4294474387



4289504579



4278237618

# Rectangle

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



4285637116



4292576463



4289504579

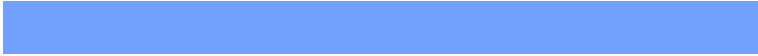


4283413875



# Sweetspot

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



4285637116



4292142079



4285660363



4284903296



4278190080

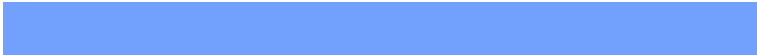


4286611584



# Same Dimension

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



4285637116



4283929087



4287001084



4285560189



4278206909



4278195517



# Inverse Universe

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



4294734241



4294924177



4293393521



4286410869



4290576449

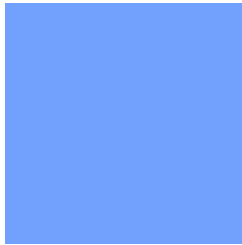


4282187797



# Previews

## White Background



This preview shows how the Android color 4285637116 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 4285637116 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

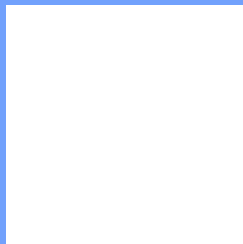
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285637116 Background



This preview shows how black text looks on a background with the Android color 4285637116.



This preview shows how white text looks on a background with the Android color 4285637116.

# 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**  
4285637116

**Protanopia**  
4286619385

**Deuteranopia**  
4285637116



# Trichromacy



**Original Color**  
4285637116

**Protanomaly**  
4286291962

**Deuteranomaly**  
4285637116

**Tritanomaly**  
4284656083

# Monochromacy



**Original Color**  
4285637116

**Achromatopsia**  
4288519581

**Achromatomaly**  
4287471296

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285637116 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(113, 161, 252)` looks like.

```
.text, #text, p{  
    color:rgb(113, 161, 252)  
}
```

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(113, 161, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 161, 252) }
```

## Border

The CSS property to change the border of an element to Android 4285637116 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(113, 161, 252) }
```

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

```
.border{ border-color:rgb(113, 161, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 161, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 161, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 161, 252);  
box-shadow:4px 4px 4px 4px rgb(113, 161,  
252) }
```

# Background

The CSS property to change the background color of an element to Android 4285637116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 161, 252) }
```

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

```
.background{ background-color: rgb(113,  
161, 252) }
```

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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