

# Converting Colors

Android(4285764337)

Have a look what the booklet for  
Android(4285764337) contains.

<b>Android(4285764337)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4285764337)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7392F1
RGB	115, 146, 241
RGB Percent	45%, 57%, 95%
CMY	0.5490, 0.4275, 0.0549
CMYK	0.52, 0.39, 0.00, 0.05
HSL	225°, 82%, 70%
HSV	225°, 52%, 95%
XYZ	33.2263, 30.5535, 87.3653
YIQ	147.5610, -48.9710, 22.9730

# Conversions

## Conversions Part 2

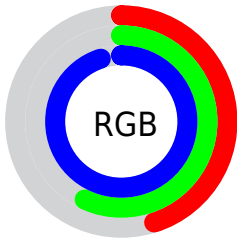
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 140, 241
Decimal	7574257
CIE Lab	62.13, 15.46, -51.14
CIE LCh	62, 53.428, 286.820
Yxy	30.5535, 0.2198, 0.2021
Android (android.graphics.Color)	4285764337 (0xFF7392F1)
YUV	147.5610, 46.0654, -28.5560
Hunter-Lab	55.2752, 10.5660, -55.0182

# Details

The Android color `4285764337` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294038131`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4289579263`, and `4281688248` is the 20% darker color. If you saturate the color by 10%, you get `4284186865`, and if you desaturate by 10%, it is `4287341809`.

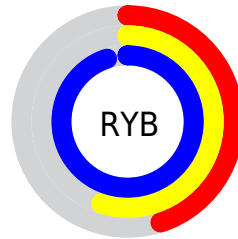
# Distribution



Red (45%)

Green (57%)

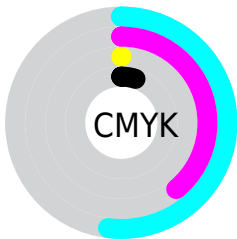
Blue (95%)



Red (45%)

Yellow (55%)

Blue (95%)

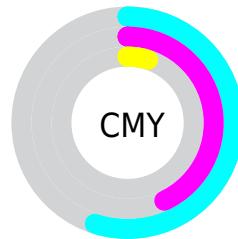


Cyan (52%)

Magenta (39%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (43%)















Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285764337 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 4285764337 by changing the saturation by 10% instead.



 4285764337	 4285764337
4294967295	 4283791572
 4289579263	 4281688248
 4291552511	 4278208925
 4293525503	 4278203266
	 4278198121
	 4278191696
	 4278191416
	 4278190626
	 4278190088

■ 4285764337

■ 4285764337

■ 4284186865

■ 4287341809

■ 4282609393

■ 4288919281

■ 4281031665

■ 4290497009

■ 4279454193

■ 4292074481

■ 4278205425

■ 4293651953

■ 4294967281

# Harmonies

## Analogous

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



4278231538



4285764337



4290478039

# Triad

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



4285764337



4292966995



4278234239

# Complementary

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



4285764337



4294038131

# 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.



4284524370



4285764337



4290939958

# Square

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



4285764337



4293815677



4288126005



4278234800

# Rectangle

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



4285764337



4292375484



4288126005



4280527727



# Sweetspot

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



4285764337



4292272383



4285788625



4284968320



4278190080



4286611584



# Same Dimension

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



4285764337



4284385023



4287788017



4285296504



4278201784



4278193720



# Inverse Universe

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



4294013842



4294925958



4291948915



4286082159



4290248749

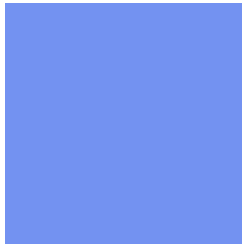


4281860110



# Previews

## White Background



This preview shows how the Android color 4285764337 looks on a white background.

## Color Contrast Check

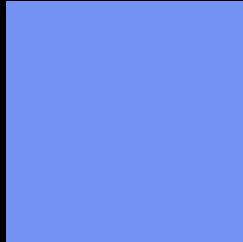
Large Text (above 18pt) WCAG AA × Fail

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 4285764337 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 4285764337 Background



This preview shows how black text looks on a background with the Android color 4285764337.



This preview shows how white text looks on a background with the Android color 4285764337.

# 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**  
4285764337

**Protanopia**  
4285633265

**Deuteranopia**  
4284585712



# Trichromacy



**Original Color**  
4285764337

**Protanomaly**  
4285698801

**Deuteranomaly**  
4285044208

**Tritanomaly**  
4284783558

# Monochromacy



**Original Color**  
4285764337

**Achromatopsia**  
4287927444

**Achromatomaly**  
4287140790

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285764337 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(115, 146, 241)` looks like.

```
.text, #text, p{  
    color:rgb(115, 146, 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(115, 146, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 146, 241) }
```

## Border

The CSS property to change the border of an element to Android 4285764337 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(115, 146, 241) }
```

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

```
.border{ border-color:rgb(115, 146, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 146, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 146, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 146, 241);  
box-shadow:4px 4px 4px 4px rgb(115, 146,  
241) }
```

# Background

The CSS property to change the background color of an element to Android 4285764337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 146, 241) }
```

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

```
.background{ background-color: rgb(115,  
146, 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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor