

Converting Colors

Android(4285764338)

Have a look what the booklet for
Android(4285764338) contains.

Android(4285764338)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285764338)

Conversions

Conversions Part 1

Format	Color
Hex	7392F2
RGB	115, 146, 242
RGB Percent	45%, 57%, 95%
CMY	0.5490, 0.4275, 0.0510
CMYK	0.52, 0.40, 0.00, 0.05
HSL	225°, 83%, 70%
HSV	225°, 52%, 95%
XYZ	33.3761, 30.6134, 88.1543
YIQ	147.6750, -49.2920, 23.2840

Conversions

Conversions Part 2

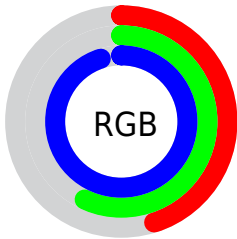
Format	Color
R _Y B	115, 140, 242
Decimal	7574258
CIE Lab	62.18, 15.77, -51.61
CIE LCh	62, 53.967, 286.990
Yxy	30.6134, 0.2194, 0.2012
Android (android.graphics.Color)	4285764338 (0xFF7392F2)
YUV	147.6750, 46.5022, -28.6560
Hunter-Lab	55.3294, 10.8494, -55.7340

Details

The Android color `4285764338` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294103923`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4289644799`, and `4281622713` is the 20% darker color. If you saturate the color by 10%, you get `4284186866`, and if you desaturate by 10%, it is `4287341810`.

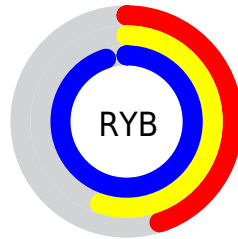
Distribution



Red (45%)

Green (57%)

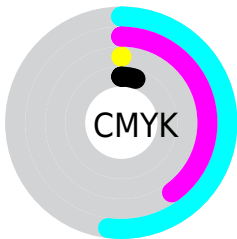
Blue (95%)



Red (45%)

Yellow (55%)

Blue (95%)

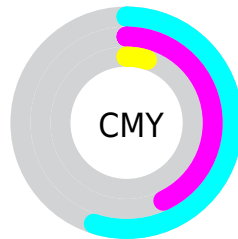


Cyan (52%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (43%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285764338 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 4285764338 by changing the saturation by 10% instead.

 4285764338


 4285764338

4294967295

 4283791573

 4289644799

 4281622713

 4291552511

 4278208926

 4293525503

 4278203267

 4278198122

 4278191697

 4278191417

 4278190626

 4278190089

■ 4285764338

■ 4285764338

■ 4284186866

■ 4287341810

■ 4282609138

■ 4288919538

■ 4280966130

■ 4290562546

■ 4279388658

■ 4292140018

■ 4278205426

■ 4293717490

■ 4294967282

Harmonies

Analogous

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



4278231795



4285764338



4290543320

Triad

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



4285764338



4293032530



4278234239

Complementary

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



4285764338



4294103923

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.



4284458834



4285764338



4290939957

Square

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



4285764338



4293881213



4288060468



4278234801

Rectangle

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



4285764338



4292440765



4288060468



4280265583

Sweetspot

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



4285764338



4292272383



4285788882



4284968320



4278190080



4286611584

Same Dimension

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



4285764338



4284385023



4287853554



4285296504



4278201784



4278193720

Inverse Universe

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



4294079378



4294925958



4292014707



4286082159



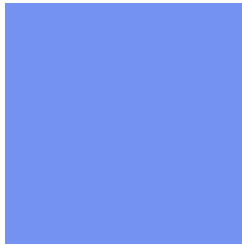
4290248749



4281860110

Previews

White Background



This preview shows how the Android color 4285764338 looks on a white background.

Color Contrast Check

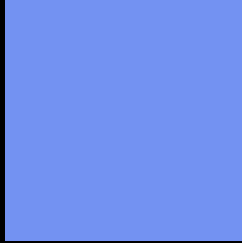
Large Text (above 18pt) WCAG AA × Fail

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 4285764338 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 4285764338 Background



This preview shows how black text looks on a background with the Android color 4285764338.



This preview shows how white text looks on a background with the Android color 4285764338.

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

4285764338

Protanopia

4285567987

Deuteranopia

4284520177

Trichromacy



Original Color
4285764338

Protanomaly
4285633523

Deuteranomaly
4284978673

Tritanomaly
4284783814

Monochromacy



Original Color
4285764338

Achromatopsia
4287927444

Achromatomaly
4287140790

CSS Examples

Text

The CSS property to change the color of the text to Android 4285764338 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(115, 146, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 146, 242) }
```

Border

The CSS property to change the border of an element to Android 4285764338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

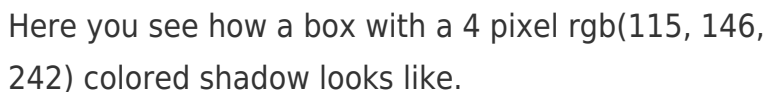
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 146, 242) }
```

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

```
.border{ border-color:rgb(115, 146, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 146, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 146, 242);  
box-shadow:4px 4px 4px 4px rgb(115, 146,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4285764338 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, 242) }
```

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

```
.background{ background-color: rgb(115,  
146, 242) }
```

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