

Converting Colors

Android(4285298084)

Have a look what the booklet for
Android(4285298084) contains.

Android(4285298084)	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(4285298084)

Conversions

Conversions Part 1

Format	Color
Hex	6C75A4
RGB	108, 117, 164
RGB Percent	42%, 46%, 64%
CMY	0.5765, 0.5412, 0.3569
CMYK	0.34, 0.29, 0.00, 0.36
HSL	230°, 24%, 53%
HSV	230°, 34%, 64%
XYZ	19.2465, 18.5911, 37.6960
YIQ	119.6670, -20.4510, 12.7090

Conversions

Conversions Part 2

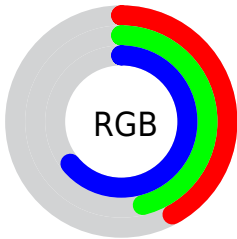
Format	Color
R _Y B	108, 116, 164
Decimal	7108004
CIE Lab	50.21, 8.24, -26.29
CIE LCh	50, 27.550, 287.413
Yxy	18.5911, 0.2548, 0.2461
Android (android.graphics.Color)	4285298084 (0xFF6C75A4)
YUV	119.6670, 21.8562, -10.2320
Hunter-Lab	43.1174, 4.2224, -21.6530

Details

The Android color `4285298084` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288977772`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4288784859`, and `4282008944` is the 20% darker color. If you saturate the color by 10%, you get `4284245924`, and if you desaturate by 10%, it is `4286350244`.

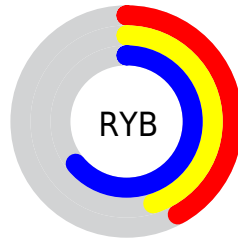
Distribution



Red (42%)

Green (46%)

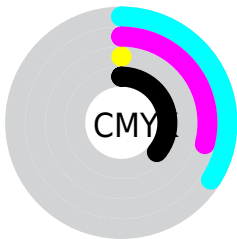
Blue (64%)



Red (42%)

Yellow (45%)

Blue (64%)

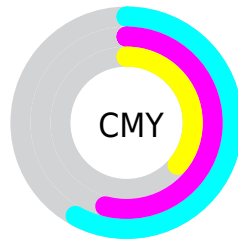


Cyan (34%)

Magenta (29%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285298084 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 4285298084 by changing the saturation by 10% instead.

 4285298084

 4285298084

4294967295

 4283653258

 4288784859

 4282008944

 4290561272

 4280364887

 4292468991

 4278524480

 4294311423

 4278190122

 4278190356

 4278190080

 4285298084

 4285298084

 4284245924

 4286350244

■ 4283128228

■ 4287467940

■ 4282076324

■ 4288519844

■ 4280958628

■ 4289637540

■ 4279906468

■ 4290689700

■ 4278854308

■ 4291741860

■ 4278196900

■ 4292859300

■ 4293911460

■ 4294963620

Harmonies

Analogous

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



4282809765



4285298084



4287327639

Triad

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



4285298084



4288703318



4282549100

Complementary

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



4285298084



4288977772

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.



4284448855



4285298084



4287656778

Square

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



4285298084



4289095275



4286151242



4280648837

Rectangle

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



4285298084



4288309386



4286151242



4283204453

Sweetspot

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



4285298084



4290888918



4285310107



4284375147



4293651435



4285229931

Same Dimension

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



4285298084



4286483670



4286540964



4282993490



4278196113



4278190866

Inverse Universe

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



4288965749



4292247180



4287734892



4283582795



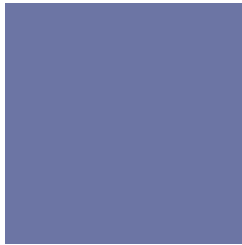
4287692823



4279369731

Previews

White Background



This preview shows how the Android color 4285298084 looks on a white background.

Color Contrast Check

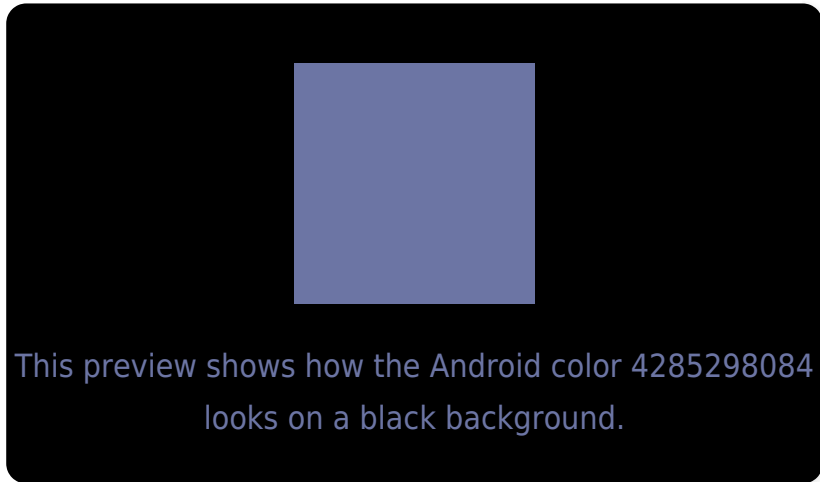
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

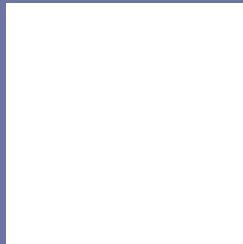
Any Text WCAG AAA × Fail

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

Android 4285298084 Background



This preview shows how black text looks on a background with the Android color 4285298084.

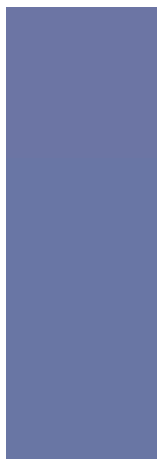


This preview shows how white text looks on a background with the Android color 4285298084.

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

4285298084

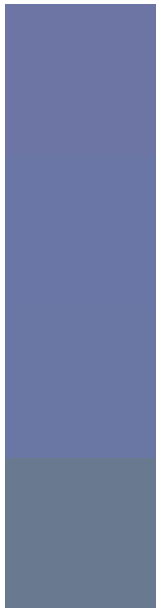
Protanopia

4285101733

Deuteranopia

4285101732

Trichromacy



Original Color
4285298084

Protanomaly
4285167269

Deuteranomaly
4285167268

Tritanomaly
4285036944

Monochromacy



Original Color
4285298084

Achromatopsia
4286085240

Achromatomaly
4285822856

CSS Examples

Text

The CSS property to change the color of the text to Android 4285298084 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(108, 117, 164)` looks like.

```
.text, #text, p{  
    color:rgb(108, 117, 164)  
}
```

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(108, 117, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 117, 164) }
```

Border

The CSS property to change the border of an element to Android 4285298084 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(108, 117, 164) }
```

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

```
.border{ border-color:rgb(108, 117, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 117, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 117, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 117, 164);  
box-shadow:4px 4px 4px 4px rgb(108, 117,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4285298084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 117, 164) }
```

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

```
.background{ background-color: rgb(108,  
117, 164) }
```

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