

Converting Colors

Android(4285233364)

Have a look what the booklet for
Android(4285233364) contains.

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Color

Android(4285233364)

Conversions

Conversions Part 1

Format	Color
Hex	6B78D4
RGB	107, 120, 212
RGB Percent	42%, 47%, 83%
CMY	0.5804, 0.5294, 0.1686
CMYK	0.50, 0.43, 0.00, 0.17
HSL	233°, 55%, 63%
HSV	233°, 50%, 83%
XYZ	24.6635, 21.3122, 65.1011
YIQ	126.6010, -37.2800, 25.8560

Conversions

Conversions Part 2

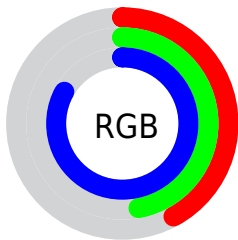
Format	Color
R_{YB}	107, 119, 212
Decimal	7043284
CIE _{Lab}	53.29, 20.25, -49.02
CIE _{LCh}	53, 53.044, 292.447
Yxy	21.3122, 0.2220, 0.1919
Android (android.graphics.Color)	4285233364 (0xFF6B78D4)
YUV	126.6010, 42.1017, -17.1901
Hunter-Lab	46.1651, 14.5739, -51.2939

Details

The Android color `4285233364` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4292134763`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4288982271`, and `4281354397` is the 20% darker color. If you saturate the color by 10%, you get `4283852244`, and if you desaturate by 10%, it is `4286614484`.

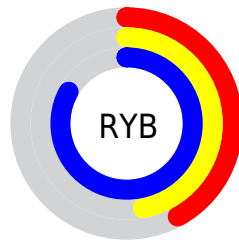
Distribution



Red (42%)

Green (47%)

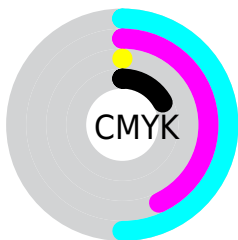
Blue (83%)



Red (42%)

Yellow (47%)

Blue (83%)

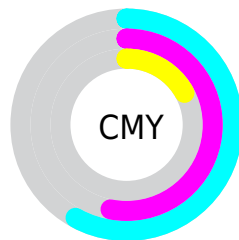


Cyan (50%)

Magenta (43%)

Yellow (0%)

Black (17%)



Cyan (58%)

Magenta (53%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285233364 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 4285233364 by changing the saturation by 10% instead.

 4285233364

 4285233364

4294967295

 4283326392

 4288982271

 4281354397

 4290889727

 4278268546

 4292797439

 4278197609

 4294705151

 4278191696

 4278191416

 4278190626

 4278190087

 4278190080

■ 4285233364

■ 4285233364

■ 4283852244

■ 4286614484

■ 4282471380

■ 4287995348

■ 4281024724

■ 4289442004

■ 4279643860

■ 4290822868

■ 4278262740

■ 4292203988

■ 4278196948

■ 4293584852

■ 4294965972

■ 4294967252

Harmonies

Analogous

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



4278225114



4285233364



4289422520

Triad

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



4285233364



4290864951



4278228082

Complementary

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



4285233364



4292134763

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.



4282093637



4285233364



4288772380

Square

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



4285233364



4291975007



4285957922



4278228385

Rectangle

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



4285233364



4291058076



4285957922



4278227810

Sweetspot

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



4285233364



4292468223



4285256902



4285098880



4278190080



4286611584

Same Dimension

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



4285233364



4285103103



4287720404



4284506731



4278195627



4278191403

Inverse Universe

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



4292111224



4294928763



4289647723



4285227106



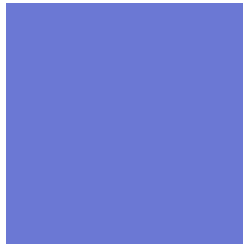
4289396757



4281008133

Previews

White Background



This preview shows how the Android color 4285233364 looks on a white background.

Color Contrast Check

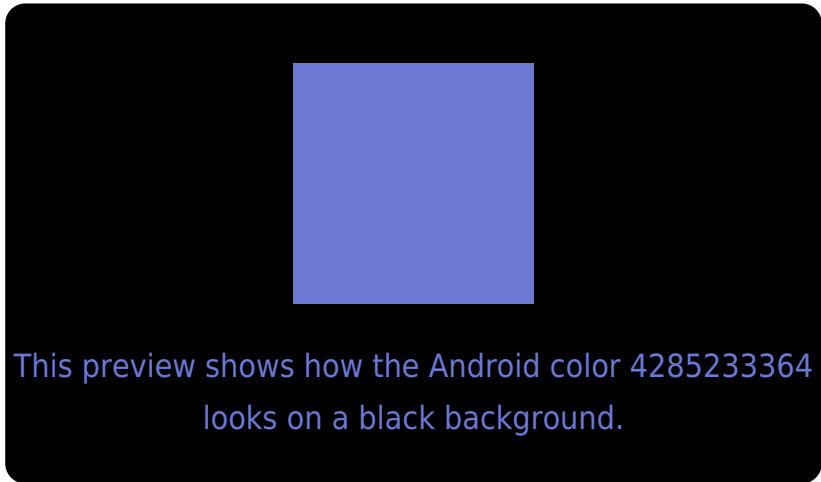
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285233364 Background



This preview shows how black text looks on a background with the Android color 4285233364.



This preview shows how white text looks on a background with the Android color 4285233364.

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
4285233364

Protanopia
4283989208

Deuteranopia
4282941650



Tritanopia
4283926418

Trichromacy



Original Color
4285233364

Protanomaly
4284447703

Deuteranomaly
4283792851

Tritanomaly
4284383914

Monochromacy



Original Color
4285233364

Achromatopsia
4286545791

Achromatomaly
4286086302

CSS Examples

Text

The CSS property to change the color of the text to Android 4285233364 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(107, 120, 212)` looks like.

```
.text, #text, p{  
    color:rgb(107, 120, 212)  
}
```

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(107, 120, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 120, 212) }
```

Border

The CSS property to change the border of an element to Android 4285233364 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(107, 120, 212) }
```

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

```
.border{ border-color:rgb(107, 120, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 120, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 120, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 120, 212);  
box-shadow:4px 4px 4px 4px rgb(107, 120,  
212) }
```

Background

The CSS property to change the background color of an element to Android 4285233364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 120, 212) }
```

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

```
.background{ background-color: rgb(107,  
120, 212) }
```

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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