

# Converting Colors

Android(4285691816)

Have a look what the booklet for  
Android(4285691816) contains.

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# Color

**Android(4285691816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7277A8
RGB	114, 119, 168
RGB Percent	45%, 47%, 66%
CMY	0.5529, 0.5333, 0.3412
CMYK	0.32, 0.29, 0.00, 0.34
HSL	234°, 24%, 55%
HSV	234°, 32%, 66%
XYZ	20.6041, 19.5982, 39.7427
YIQ	123.0910, -18.7090, 14.1790

# Conversions

## Conversions Part 2

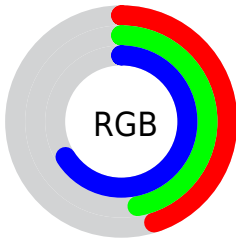
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 119, 168
Decimal	7501736
CIE Lab	51.38, 9.93, -26.76
CIE LCh	51, 28.542, 290.358
Yxy	19.5982, 0.2577, 0.2451
Android (android.graphics.Color)	4285691816 (0xFF7277A8)
YUV	123.0910, 22.1401, -7.9728
Hunter-Lab	44.2699, 5.6054, -22.2379

# Details

The Android color `4285691816` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289241970`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4289178591`, and `4282402676` is the 20% darker color. If you saturate the color by 10%, you get `4284573864`, and if you desaturate by 10%, it is `4286809768`.

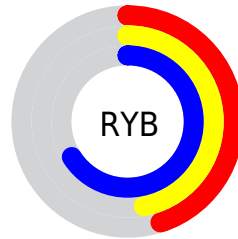
# Distribution



Red (45%)

Green (47%)

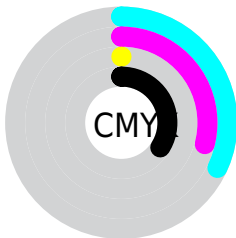
Blue (66%)



Red (45%)

Yellow (47%)

Blue (66%)

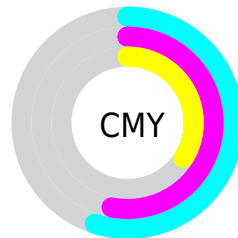


Cyan (32%)

Magenta (29%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (53%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285691816 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 4285691816 by changing the saturation by 10% instead.



■ 4285691816

■ 4285691816

4294967295

■ 4283981453

■ 4289178591

■ 4282402676

■ 4291020540

■ 4280758619

■ 4292862719

■ 4279049283

■ 4294770687

■ 4278190125

■ 4278190359

■ 4278190080

■ 4285691816

■ 4285691816

■ 4284573864

■ 4286809768

■ 4283455912

■ 4287927720

■ 4282403240

■ 4288980392

■ 4281285288

■ 4290098344

■ 4280167336

■ 4291216296

■ 4279049384

■ 4292334248

■ 4278194344

■ 4293452456

■ 4294504872

■ 4294967208

# Harmonies

## Analogous

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



4283072426



4285691816



4287786650

# Triad

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



4285691816



4288900694



4282353521

# Complementary

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



4285691816



4289241970

# 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.



4284384347



4285691816



4287788618

# Square

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



4285691816



4289357931



4286217804



4280321931

# Rectangle

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



4285691816



4288703115



4286217804



4283074153



# Sweetspot

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



4285691816



4291151835



4285704355



4284506734



4293783021



4285427310



# Same Dimension

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



4285691816



4287008475



4287132328



4283190612



4278193812



4278190612



# Inverse Universe

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



4289229431



4292576910



4287801458



4283714637



4287889422



4279500802



# Previews

## White Background



This preview shows how the Android color 4285691816 looks on a white background.

## Color Contrast Check

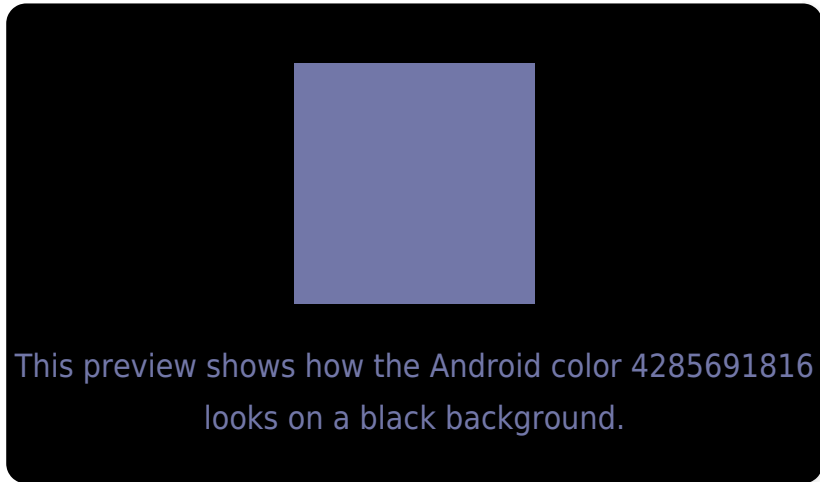
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285691816 Background



This preview shows how black text looks on a background with the Android color 4285691816.



This preview shows how white text looks on a background with the Android color 4285691816.

# 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**

4285691816

**Protanopia**

4285299113

**Deuteranopia**

4285299112



# Trichromacy



**Original Color**  
4285691816

**Protanomaly**  
4285429929

**Deuteranomaly**  
4285429928

**Tritanomaly**  
4285430675

# Monochromacy



**Original Color**  
4285691816

**Achromatopsia**  
4286282619

**Achromatomaly**  
4286085771

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285691816 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(114, 119, 168)` looks like.

```
.text, #text, p{  
    color:rgb(114, 119, 168)  
}
```

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(114, 119, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 119, 168) }
```

## Border

The CSS property to change the border of an element to Android 4285691816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

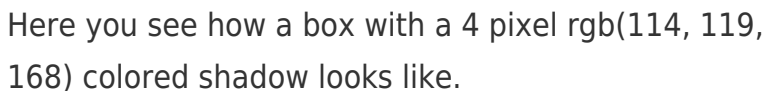
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 119, 168) }
```

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

```
.border{ border-color:rgb(114, 119, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 119, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 119, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 119, 168); box-shadow:4px 4px 4px 4px rgb(114, 119, 168) }
```

# Background

The CSS property to change the background color of an element to Android 4285691816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 119, 168) }
```

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

```
.background{ background-color: rgb(114,  
119, 168) }
```

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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