

# Converting Colors

Android(4285888493)

Have a look what the booklet for  
Android(4285888493) contains.

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# **Color**

**Android(4285888493)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7577ED
RGB	117, 119, 237
RGB Percent	46%, 47%, 93%
CMY	0.5412, 0.5333, 0.0706
CMYK	0.51, 0.50, 0.00, 0.07
HSL	239°, 77%, 69%
HSV	239°, 51%, 93%
XYZ	29.2190, 23.0900, 83.0376
YIQ	131.8540, -39.0700, 36.2740

# Conversions

## Conversions Part 2

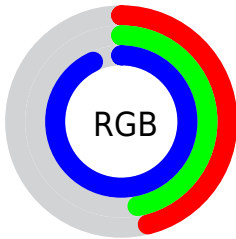
Format	Color
R <sub>Y</sub> B	117, 119, 237
Decimal	7698413
CIE Lab	55.16, 30.71, -60.03
CIE LCh	55, 67.426, 297.092
Yxy	23.0900, 0.2159, 0.1706
Android (android.graphics.Color)	4285888493 (0xFF7577ED)
YUV	131.8540, 51.8370, -13.0270
Hunter-Lab	48.0520, 24.4494, -68.8212

# Details

The Android color `4285888493` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4293782389`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4289768447`, and `4281812916` is the 20% darker color. If you saturate the color by 10%, you get `4284309741`, and if you desaturate by 10%, it is `4287467245`.

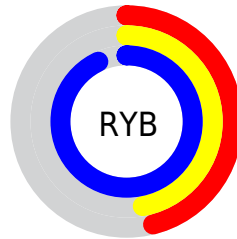
# Distribution



Red (46%)

Green (47%)

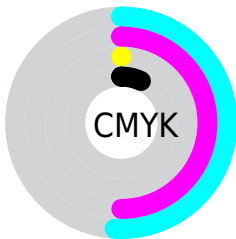
Blue (93%)



Red (46%)

Yellow (47%)

Blue (93%)

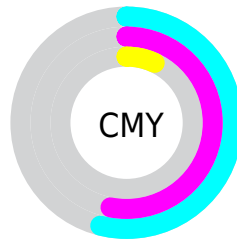


Cyan (51%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (54%)

Magenta (53%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285888493 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 4285888493 by changing the saturation by 10% instead.



 4285888493


 4285888493

4294967295

 4283915984

 4289768447

 4281812916

 4291675903

 4278399129

 4293649407

 4278197374

 4278192229

 4278190668

 4278191156

 4278190622

 4278190080

■ 4285888493

■ 4285888493

■ 4284309741

■ 4287467245

■ 4282796269

■ 4288980717

■ 4281217517

■ 4290559469

■ 4279638765

■ 4292138221

■ 4278191341

■ 4293651693

■ 4294967277

# Harmonies

## Analogous

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



4278226426



4285888493



4291058372

# Triad

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



4285888493



4291782428



4278230652

# Complementary

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



4285888493



4293782389

# 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.



4278229568



4285888493



4288970752

# Square

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



4285888493



4293414227



4285239296



4278230712

# Rectangle

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



4285888493



4292823456



4285239296



4278230376



# Sweetspot

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



4285888493



4292467199



4285918699



4285098368



4278190080



4286611584



# Same Dimension

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



4285888493



4284704511



4289689069



4285164149



4278191029



4278190390



# Inverse Universe

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



4293752183



4294927206



4289981813



4285885034



4290052099

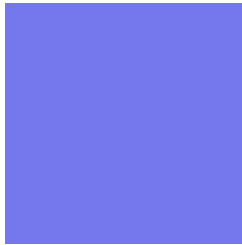


4281729025



# Previews

## White Background



This preview shows how the Android color 4285888493 looks on a white background.

## Color Contrast Check

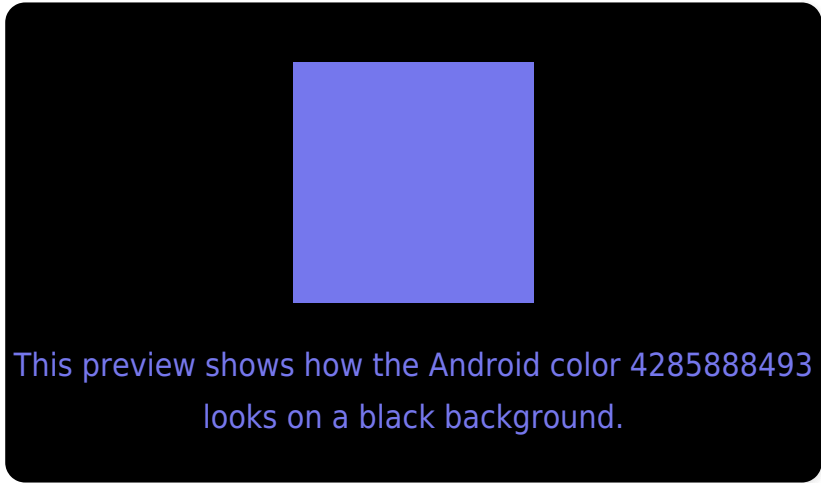
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285888493 Background



This preview shows how black text looks on a background with the Android color 4285888493.

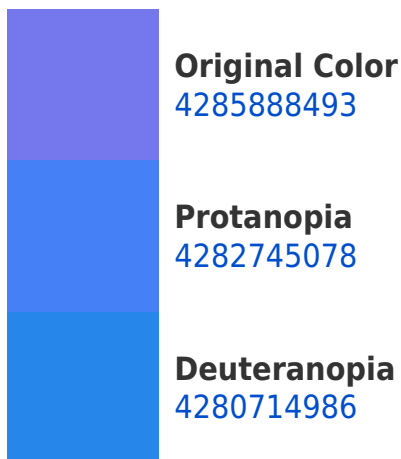



This preview shows how white text looks on a background with the Android color 4285888493.

# 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





**Tritanopia**  
4284124311

# Trichromacy



**Original Color**  
4285888493

**Protanomaly**  
4283858419

**Deuteranomaly**  
4282614251

**Tritanomaly**  
4284777654

# Monochromacy



**Original Color**  
4285888493

**Achromatopsia**  
4286874756

**Achromatomaly**  
4286545834

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285888493 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(117, 119, 237)` looks like.

```
.text, #text, p{  
    color:rgb(117, 119, 237)  
}
```

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(117, 119, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 119, 237) }
```

## Border

The CSS property to change the border of an element to Android 4285888493 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(117, 119, 237) }
```

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

```
.border{ border-color:rgb(117, 119, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 119, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 119, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 119, 237);  
box-shadow:4px 4px 4px 4px rgb(117, 119,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4285888493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 119, 237) }
```

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

```
.background{ background-color: rgb(117,  
119, 237) }
```

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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