

# Converting Colors

Android(4285732573)

Have a look what the booklet for  
Android(4285732573) contains.

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**Color**

**Android(4285732573)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7316DD
RGB	115, 22, 221
RGB Percent	45%, 9%, 87%
CMY	0.5490, 0.9137, 0.1333
CMYK	0.48, 0.90, 0.00, 0.13
HSL	268°, 82%, 48%
HSV	268°, 90%, 87%
XYZ	20.4083, 9.4391, 69.1529
YIQ	72.4930, -8.4510, 81.6050

# Conversions

## Conversions Part 2

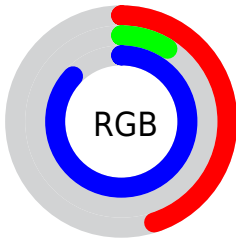
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	115, 22, 221
Decimal	7542493
CIE Lab	36.82, 71.75, -80.85
CIE LCh	37, 108.097, 311.586
Yxy	9.4391, 0.2061, 0.0953
Android (android.graphics.Color)	4285732573 (0xFF7316DD)
YUV	72.4930, 73.2140, 37.2786
Hunter-Lab	30.7231, 64.8057, -111.9462

# Details

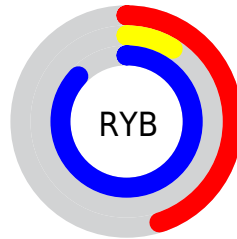
The Android color **4285732573** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **4286635286**, and the grayscale version is **4282927176**.

A 20% lighter version of the original color is **4289746431**, and **4281204900** is the 20% darker color. If you saturate the color by 10%, you get **4284940509**, and if you desaturate by 10%, it is **4286524637**.

# Distribution



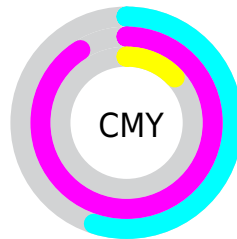
- Red (45%)
- Green (9%)
- Blue (87%)



- Red (45%)
- Yellow (9%)
- Blue (87%)



- Cyan (48%)
- Magenta (90%)
- Yellow (0%)
- Black (13%)



- Cyan (55%)
- Magenta (91%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285732573 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 4285732573 by changing the saturation by 10% instead.



 4285732573


 4285732573

4294967295

 4283629760

 4289746431

 4281204900

 4291785215

 4278190217

 4293823999

 4278190191

 4294945279

 4278190165

 4294952703

 4278191677

 4294960127

 4278190886

 4278190351

 4278190080

■ 4285732573

■ 4285732573

■ 4284940509

■ 4286524637

■ 4287316701

■ 4288043229

■ 4288835293

■ 4289627357

■ 4290419677

■ 4291146205

■ 4291938269

■ 4292730333

# Harmonies

## Analogous

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



4278213887



4285732573



4291625104

# Triad

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



4285732573



4287904768



4278219640

# Complementary

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



4285732573



4286635286

# 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.



4278219030



4285732573



4283129344

# Square

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



4285732573



4291297280



4278217728



4278220236

# Rectangle

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



4285732573



4292804695



4278217728



4278219354



# Sweetspot

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



4285732573



4292524799



4279664861



4285159296



4278190080



4286611584



# Same Dimension

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



4285732573



4285989119



4292220637



4285031278



4283498669



4279566382



# Inverse Universe

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



4292679296



4294901896



4280147222



4285424489



4289527900

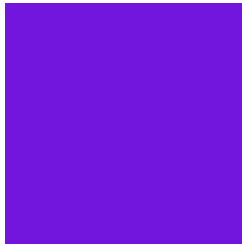


4281204760



# Previews

## White Background



This preview shows how the Android color 4285732573 looks on a white background.

## Color Contrast Check

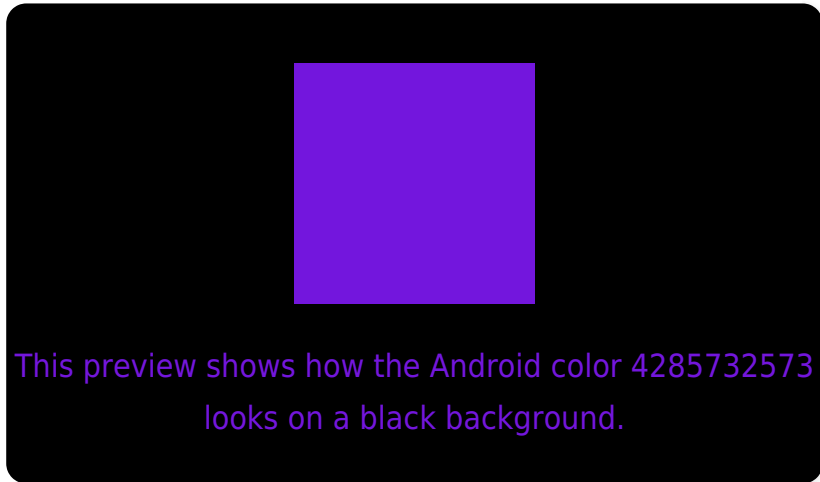
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

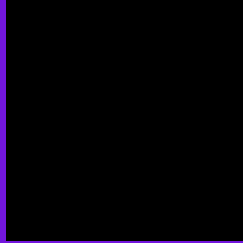
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285732573 Background



This preview shows how black text looks on a background with the Android color 4285732573.



This preview shows how white text looks on a background with the Android color 4285732573.

# 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**  
4285732573

**Protanopia**  
4278211761

**Deuteranopia**  
4278213272



# Trichromacy



**Original Color**

4285732573



**Protanomaly**

4280958401



**Deuteranomaly**

4280959409



**Tritanomaly**

4284366989

# Monochromacy



**Original Color**

4285732573



**Achromatopsia**

4282927176



**Achromatomaly**

4283971198

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285732573 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, 22, 221)` looks like.

```
.text, #text, p{  
    color:rgb(115, 22, 221)  
}
```

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, 22, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 22, 221) }
```

## Border

The CSS property to change the border of an element to Android 4285732573 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, 22, 221) }
```

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

```
.border{ border-color:rgb(115, 22, 221) }
```

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

Here you see how a box with a 4 pixel rgb(115, 22, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 22, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 22, 221);  
box-shadow:4px 4px 4px 4px rgb(115, 22,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4285732573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 22, 221) }
```

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

```
.background{ background-color: rgb(115, 22,  
221) }
```

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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