

# Converting Colors

Android(4285812142)

Have a look what the booklet for  
Android(4285812142) contains.

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# Color

**Android(4285812142)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	744DAE
RGB	116, 77, 174
RGB Percent	45%, 30%, 68%
CMY	0.5451, 0.6980, 0.3176
CMYK	0.33, 0.56, 0.00, 0.32
HSL	264°, 39%, 49%
HSV	264°, 56%, 68%
XYZ	17.4963, 12.0768, 41.4533
YIQ	99.7190, -7.8930, 38.4350

# Conversions

## Conversions Part 2

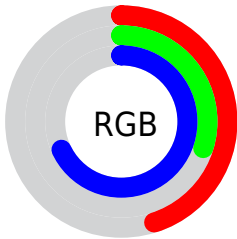
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 77, 174
Decimal	7622062
CIE <sub>Lab</sub>	41.34, 37.28, -46.10
CIE <sub>LCh</sub>	41, 59.285, 308.966
Yxy	12.0768, 0.2463, 0.1700
Android (android.graphics.Color)	4285812142 (0xFF744DAE)
YUV	99.7190, 36.6205, 14.2784
Hunter-Lab	34.7516, 29.0536, -46.3976

# Details

The Android color `4285812142` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4287082061`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4289429478`, and `4282326649` is the 20% darker color. If you saturate the color by 10%, you get `4285152430`, and if you desaturate by 10%, it is `4286471854`.

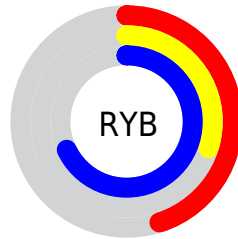
# Distribution



Red (45%)

Green (30%)

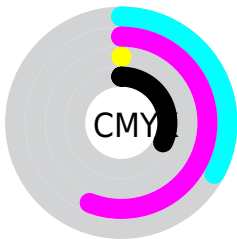
Blue (68%)



Red (45%)

Yellow (30%)

Blue (68%)

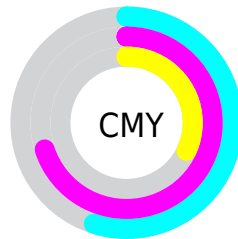


Cyan (33%)

Magenta (56%)

Yellow (0%)

Black (32%)



Cyan (55%)

Magenta (70%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285812142 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 4285812142 by changing the saturation by 10% instead.





4285812142



4285812142

4294967295



4284036499



4289429478



4282326649



4291271423



4280485215



4293178879



4278714439



4294955519



4278191152



4294962687



4278190362



4278190080



4285812142



4285812142



4285152430



4286471854

■ 4284426926

■ 4287197358

■ 4283767214

■ 4287857070

■ 4283041710

■ 4288582574

■ 4282777774

■ 4289242286

■ 4289901998

■ 4290627502

■ 4291287214

■ 4292012718

# Harmonies

## Analogous

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



4278215619



4285812142



4289016454

# Triad

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



4285812142



4287779328



4278220655

# Complementary

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



4285812142



4287082061

# 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.



4278220092



4285812142



4285096960

# Square

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



4285812142



4289542694



4281495297



4278220446

# Rectangle

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



4285812142



4289996645



4281495297



4278220638



# Sweetspot

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



4285812142



4291607779



4283271086



4284832883



4294111986



4285756275



# Same Dimension

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



4285812142



4287122403



4288957870



4283584087



4282122390



4278779927



# Inverse Universe

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



4289613191



4293086118



4283936333



4283911763



4288020570



4279697422



# Previews

## White Background



This preview shows how the Android color 4285812142 looks on a white background.

## Color Contrast Check

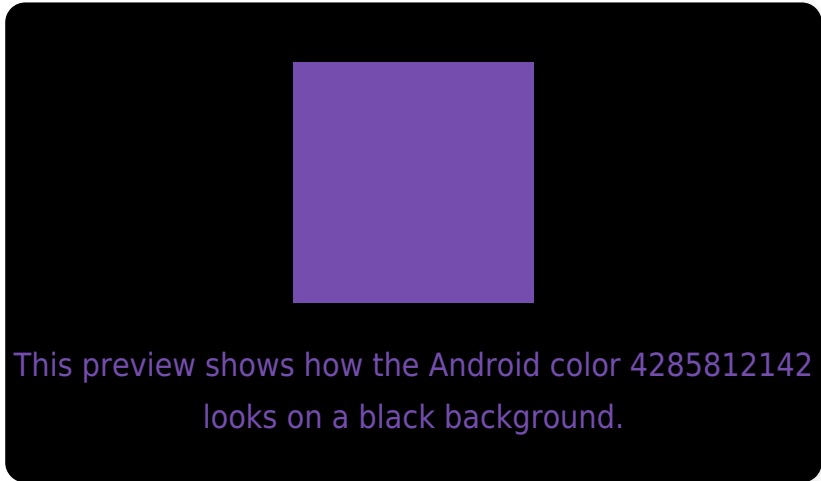
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4285812142 Background



This preview shows how black text looks on a background with the Android color 4285812142.




This preview shows how white text looks on a background with the Android color 4285812142.

# 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**  
4284899431

# Trichromacy



**Original Color**  
4285812142

**Protanomaly**  
4282538169

**Deuteranomaly**  
4282669995

**Tritanomaly**  
4285225345

# Monochromacy



**Original Color**  
4285812142

**Achromatopsia**  
4284769380

**Achromatomaly**  
4285160575

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285812142 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(116, 77, 174)` looks like.

```
.text, #text, p{  
    color:rgb(116, 77, 174)  
}
```

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(116, 77, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 77, 174) }
```

## Border

The CSS property to change the border of an element to Android 4285812142 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(116, 77, 174) }
```

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

```
.border{ border-color:rgb(116, 77, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 77, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 77, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 77, 174);  
box-shadow:4px 4px 4px 4px rgb(116, 77,  
174) }
```

# Background

The CSS property to change the background color of an element to Android 4285812142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 77, 174) }
```

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

```
.background{ background-color: rgb(116, 77,  
174) }
```

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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