

# Converting Colors

Android(4285618142)

Have a look what the booklet for  
Android(4285618142) contains.

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# Color

**Android(4285618142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7157DE
RGB	113, 87, 222
RGB Percent	44%, 34%, 87%
CMY	0.5569, 0.6588, 0.1294
CMYK	0.49, 0.61, 0.00, 0.13
HSL	252°, 67%, 61%
HSV	252°, 61%, 87%
XYZ	23.4031, 15.6010, 70.8851
YIQ	110.1640, -27.8390, 47.4970

# Conversions

## Conversions Part 2

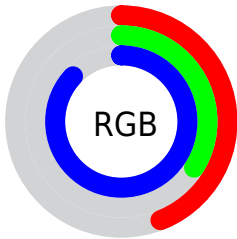
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	113, 87, 222
Decimal	7428062
CIE Lab	46.45, 44.22, -65.67
CIE LCh	46, 79.172, 303.955
Yxy	15.6010, 0.2130, 0.1420
Android (android.graphics.Color)	4285618142 (0xFF7157DE)
YUV	110.1640, 55.1351, 2.4872
Hunter-Lab	39.4981, 36.6414, -78.7557

# Details

The Android color `4285618142` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted purple. A complement of this color would be `4291092055`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4289497855`, and `4281477030` is the 20% darker color. If you saturate the color by 10%, you get `4284432862`, and if you desaturate by 10%, it is `4286803422`.

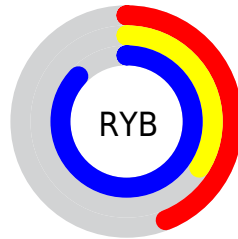
# Distribution



Red (44%)

Green (34%)

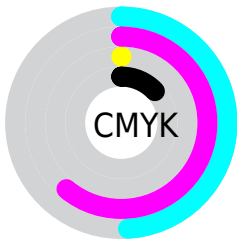
Blue (87%)



Red (44%)

Yellow (34%)

Blue (87%)

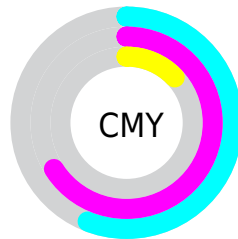


Cyan (49%)

Magenta (61%)

Yellow (0%)

Black (13%)



Cyan (56%)

Magenta (66%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285618142 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 4285618142 by changing the saturation by 10% instead.



 4285618142

 4285618142

4294967295

 4283645890

 4289497855

 4281477030

 4291405311

 4278194315

 4293378303

 4278190192

 4294958335

 4278190167

 4294965759

 4278191679

 4278190888

 4278190353

 4278190080

■ 4285618142

■ 4285618142

■ 4284432862

■ 4286803422

■ 4283247582

■ 4287988702

■ 4282062046

■ 4289174238

■ 4281008350

■ 4290359518

■ 4291544798

■ 4292730078

■ 4293849822

■ 4294967262

# Harmonies

## Analogous

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



4278220277



4285618142



4290848170

# Triad

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



4285618142



4289942272



4278225269

# Complementary

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



4285618142



4291092055

# 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.



4278224430



4285618142



4286541568

# Square

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



4285618142



4292158504



4281695744



4278225335

# Rectangle

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



4285618142



4292411519



4281695744



4278224990



# Sweetspot

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



4285618142



4292530687



4283942366



4285096832



4278190080



4286611584



# Same Dimension

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



4285618142



4285089279



4289943518



4284966256



4280418480



4278779952



# Inverse Universe

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



4292761540



4294919643



4286766679



4285556078



4289724558



4281335847



# Previews

## White Background



This preview shows how the Android color 4285618142 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



This preview shows how the Android color 4285618142 looks on a 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 4285618142 Background



This preview shows how black text looks on a background with the Android color 4285618142.

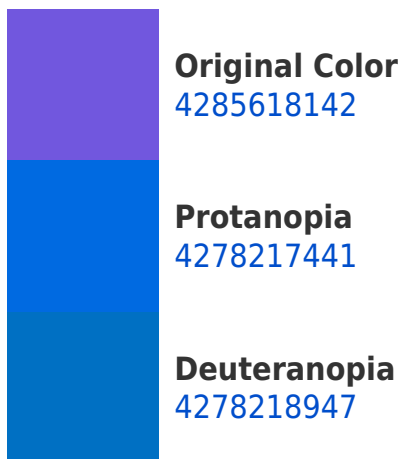


This preview shows how white text looks on a background with the Android color 4285618142.

# 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





# Trichromacy



**Original Color**

4285618142



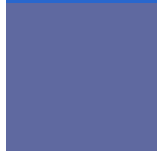
**Protanomaly**

4280902624



**Deuteranomaly**

4280903629



**Tritanomaly**

4284443040

# Monochromacy



**Original Color**

4285618142



**Achromatopsia**

4285427310



**Achromatomaly**

4285490839

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285618142 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(113, 87, 222)` looks like.

```
.text, #text, p{  
    color:rgb(113, 87, 222)  
}
```

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(113, 87, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 87, 222) }
```

## Border

The CSS property to change the border of an element to Android 4285618142 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(113, 87, 222) }
```

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

```
.border{ border-color:rgb(113, 87, 222) }
```

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

Here you see how a box with a 4 pixel rgb(113, 87, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 87, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 87, 222);  
box-shadow:4px 4px 4px 4px rgb(113, 87,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4285618142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 87, 222) }
```

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

```
.background{ background-color: rgb(113, 87,  
222) }
```

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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