

# Converting Colors

Android(4285935218)

Have a look what the booklet for  
Android(4285935218) contains.

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# Color

**Android(4285935218)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	762E72
RGB	118, 46, 114
RGB Percent	46%, 18%, 45%
CMY	0.5373, 0.8196, 0.5529
CMYK	0.00, 0.61, 0.03, 0.54
HSL	303°, 44%, 32%
HSV	303°, 61%, 46%
XYZ	11.4855, 7.0204, 16.6693
YIQ	75.2800, 21.0840, 36.4120

# Conversions

## Conversions Part 2

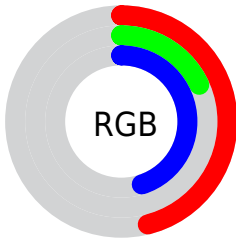
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 46, 114
Decimal	7745138
CIE Lab	31.85, 40.93, -24.49
CIE LCh	32, 47.695, 329.111
Yxy	7.0204, 0.3265, 0.1996
Android (android.graphics.Color)	4285935218 (0xFF762E72)
YUV	75.2800, 19.0890, 37.4654
Hunter-Lab	26.4961, 31.0075, -18.7534

# Details

The Android color **4285935218** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4281234994**, and the grayscale version is **4283124555**.

A 20% lighter version of the original color is **4289487270**, and **4282581058** is the 20% darker color. If you saturate the color by 10%, you get **4285932145**, and if you desaturate by 10%, it is **4285938291**.

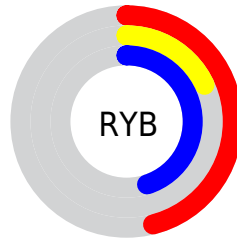
# Distribution



Red (46%)

Green (18%)

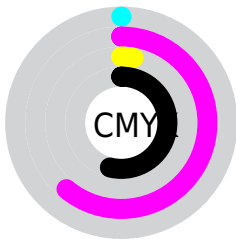
Blue (45%)



Red (46%)

Yellow (18%)

Blue (45%)

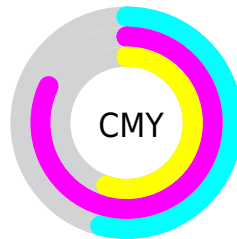


Cyan (0%)

Magenta (61%)

Yellow (3%)

Black (54%)



Cyan (54%)

Magenta (82%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285935218 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 4285935218 by changing the saturation by 10% instead.



 4285935218

 4285935218

4294967295

 4284224345

 4289487270

 4282581058

 4291328961

 4281139243

 4293236189

 4278386710

 4294947066

 4278190080

 4294954239

 4294961663

 4285935218

 4285935218

 4285932145

 4285938291

4285929073

4285941363

4285926256

4285944180

4285923439

4285947253

4285950325

4285953398

4285956471

4285959287

4285962360

# Harmonies

## Analogous

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



4282728845



4285935218



4287307854

# Triad

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



4285935218



4284238080



4278213487

# Complementary

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



4285935218



4281234994

# 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.



4278213449



4285935218



4281815808

# Square

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



4285935218



4286134532



4278212898



4278212747

# Rectangle

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



4285935218



4287374133



4278212898



4278213730



# Sweetspot

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



4285935218



4288249239



4281478774



4283251788



4291611852



4283256141



# Same Dimension

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



4285935218



4288227731



4285935182



4282070330



4286185588



4294574316



# Inverse Universe

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



4285935218



4288227731



4281235030



4282070330



4286185588



4294574316



# Previews

## White Background



This preview shows how the Android color 4285935218 looks on a white background.

## Color Contrast Check

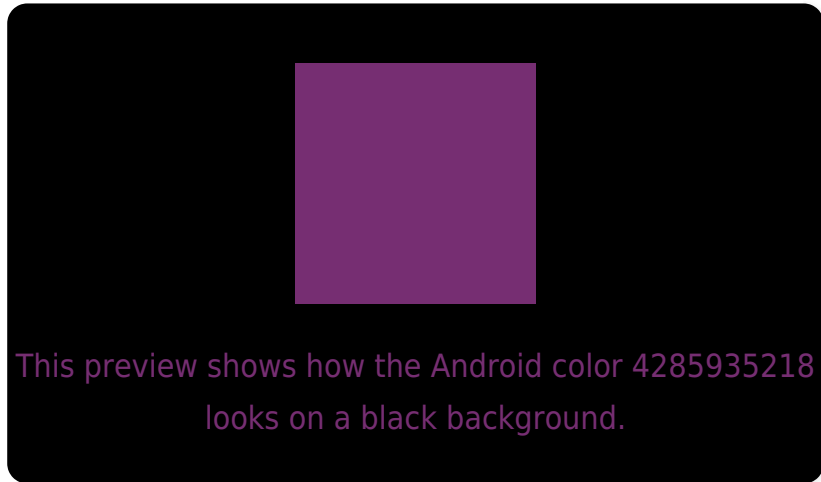
Large Text (above 18pt) WCAG AA ✓ Pass

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

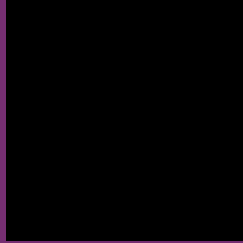
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285935218 Background



This preview shows how black text looks on a background with the Android color 4285935218.



This preview shows how white text looks on a background with the Android color 4285935218.

# 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**  
4285935218

**Protanopia**  
4281027211

**Deuteranopia**  
4282338157



# Trichromacy



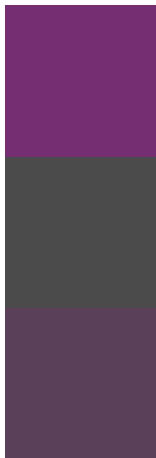
**Original Color**  
4285935218

**Protanomaly**  
4282794114

**Deuteranomaly**  
4283646063

**Tritanomaly**  
4285675346

# Monochromacy



**Original Color**  
4285935218

**Achromatopsia**  
4283124555

**Achromatomaly**  
4284170329

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285935218 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(118, 46, 114)` looks like.

```
.text, #text, p{  
    color:rgb(118, 46, 114)  
}
```

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(118, 46, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 46, 114) }
```

## Border

The CSS property to change the border of an element to Android 4285935218 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(118, 46, 114) }
```

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

```
.border{ border-color:rgb(118, 46, 114) }
```

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

Here you see how a box with a 4 pixel rgb(118, 46, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 46, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 46, 114);  
box-shadow:4px 4px 4px 4px rgb(118, 46,  
114) }
```

# Background

The CSS property to change the background color of an element to Android 4285935218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 46, 114) }
```

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

```
.background{ background-color: rgb(118, 46,  
114) }
```

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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