

# Converting Colors

Android(4285152670)

Have a look what the booklet for  
Android(4285152670) contains.

<b>Android(4285152670)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4285152670)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A3D9E
RGB	106, 61, 158
RGB Percent	42%, 24%, 62%
CMY	0.5843, 0.7608, 0.3804
CMYK	0.33, 0.61, 0.00, 0.38
HSL	268°, 44%, 43%
HSV	268°, 61%, 62%
XYZ	13.7842, 8.8703, 33.3334
YIQ	85.5130, -4.3170, 39.7070

# Conversions

## Conversions Part 2

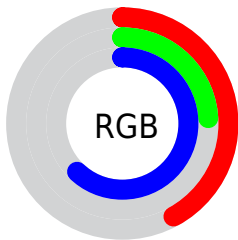
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 61, 158
Decimal	6962590
CIE <sub>Lab</sub>	35.73, 39.71, -45.60
CIE <sub>LCh</sub>	36, 60.463, 311.048
Yxy	8.8703, 0.2462, 0.1584
Android (android.graphics.Color)	4285152670 (0xFF6A3D9E)
YUV	85.5130, 35.7361, 17.9671
Hunter-Lab	29.7830, 30.4930, -45.5097

# Details

The Android color **4285152670** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4285636157**, and the grayscale version is **4283782485**.

A 20% lighter version of the original color is **4288704469**, and **4281666666** is the 20% darker color. If you saturate the color by 10%, you get **4284624286**, and if you desaturate by 10%, it is **4285681054**.

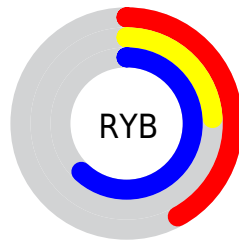
# Distribution



Red (42%)

Green (24%)

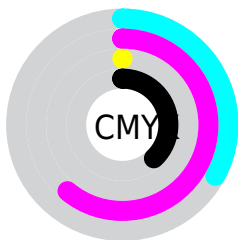
Blue (62%)



Red (42%)

Yellow (24%)

Blue (62%)

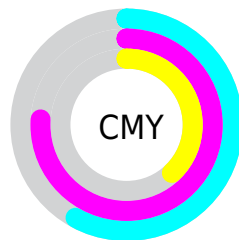


Cyan (33%)

Magenta (61%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (76%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285152670 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 4285152670 by changing the saturation by 10% instead.



 4285152670

 4285152670

4294967295

 4283377027

 4288704469

 4281666666

 4290611698

 4279828561

 4292453375

 4278190137

 4294361087

 4278190627

 4294958079

 4278190089

 4294965503

 4278190080

 4285152670

 4285152670

 4284624286

 4285681054

■ 4284030366

■ 4286274974

■ 4283502238

■ 4286803102

■ 4282974366

■ 4287397022

■ 4287925406

■ 4288519326

■ 4289047710

■ 4289641374

■ 4290169758

# Harmonies

## Analogous

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



4278212020



4285152670



4288224373

# Triad

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



4285152670



4286531072



4278217061

# Complementary

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



4285152670



4285636157

# 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.



4278216498



4285152670



4283914240

# Square

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



4285152670



4288424725



4279853568



4278216851

# Rectangle

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



4285152670



4289005653



4279853568



4278216788



# Sweetspot

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



4285152670



4290488783



4282217118



4284240489



4293454056



4285098345



# Same Dimension

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



4285152670



4286396111



4288232862



4283123535



4282515599



4278648847



# Inverse Universe

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



4288560497



4291769992



4282555965



4283385675



4287561805

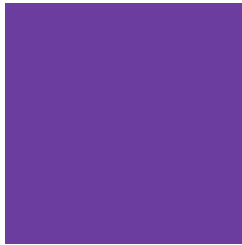


4279173128



# Previews

## White Background



This preview shows how the Android color 4285152670 looks on a white background.

## Color Contrast Check

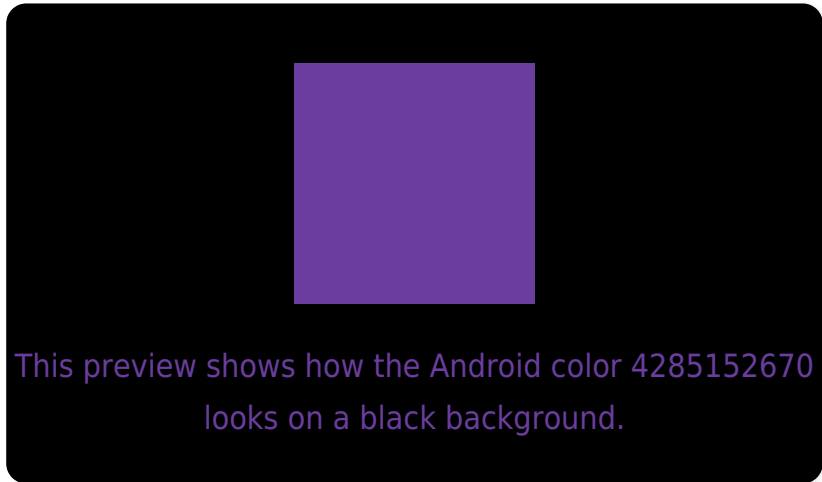
Large Text (above 18pt) WCAG AA ✓ Pass

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

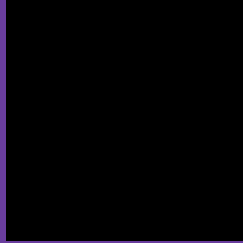
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285152670 Background



This preview shows how black text looks on a background with the Android color 4285152670.



This preview shows how white text looks on a background with the Android color 4285152670.

# 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](#).

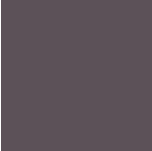
## Dichromacy



**Original Color**  
4285152670

**Protanopia**  
4278210989

**Deuteranopia**  
4278212248



**Tritanopia**  
4284240216

# Trichromacy



**Original Color**  
4285152670

**Protanomaly**  
4280765096

**Deuteranomaly**  
4280765850

**Tritanomaly**  
4284566129

# Monochromacy



**Original Color**  
4285152670

**Achromatopsia**  
4283848278

**Achromatomaly**  
4284304752

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285152670 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(106, 61, 158)` looks like.

```
.text, #text, p{  
    color:rgb(106, 61, 158)  
}
```

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(106, 61, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 61, 158) }
```

## Border

The CSS property to change the border of an element to Android 4285152670 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(106, 61, 158) }
```

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

```
.border{ border-color:rgb(106, 61, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 61, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 61, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 61, 158);  
box-shadow:4px 4px 4px 4px rgb(106, 61,  
158) }
```

# Background

The CSS property to change the background color of an element to Android 4285152670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 61, 158) }
```

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

```
.background{ background-color: rgb(106, 61,  
158) }
```

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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