

# Converting Colors

Android(4285363355)

Have a look what the booklet for  
Android(4285363355) contains.

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# Color

**Android(4285363355)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D749B
RGB	109, 116, 155
RGB Percent	43%, 45%, 61%
CMY	0.5725, 0.5451, 0.3922
CMYK	0.30, 0.25, 0.00, 0.39
HSL	231°, 19%, 52%
HSV	231°, 30%, 61%
XYZ	18.4685, 18.1086, 33.5323
YIQ	118.3530, -16.6910, 10.6450

# Conversions

## Conversions Part 2

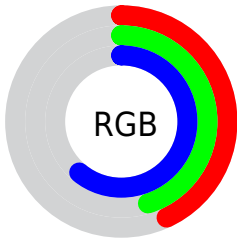
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 115, 155
Decimal	7173275
CIE <sub>Lab</sub>	49.63, 6.72, -21.91
CIE <sub>LCh</sub>	50, 22.919, 287.061
Yxy	18.1086, 0.2634, 0.2583
Android (android.graphics.Color)	4285363355 (0xFF6D749B)
YUV	118.3530, 18.0670, -8.2026
Hunter-Lab	42.5541, 2.9991, -16.9320

# Details

The Android color `4285363355` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288386157`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4288784594`, and `4282139752` is the 20% darker color. If you saturate the color by 10%, you get `4284376987`, and if you desaturate by 10%, it is `4286349723`.

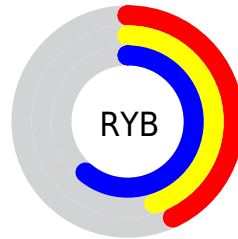
# Distribution



Red (43%)

Green (45%)

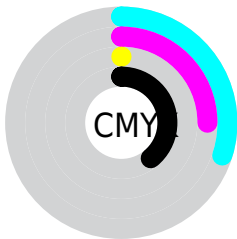
Blue (61%)



Red (43%)

Yellow (45%)

Blue (61%)

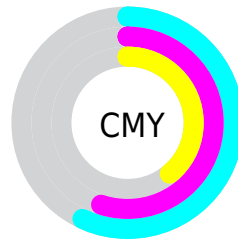


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (39%)



Cyan (57%)

Magenta (55%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285363355 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 4285363355 by changing the saturation by 10% instead.



■ 4285363355

■ 4285363355

4294967295

■ 4283718529

■ 4288784594

■ 4282139752

■ 4290626542

■ 4280561231

■ 4292468735

■ 4278917432

■ 4294376703

■ 4278190115

■ 4278190090

■ 4278190080

■ 4285363355

■ 4285363355

■ 4284376987

■ 4286349723

■ 4283325083

■ 4287401627

■ 4282338715

■ 4288387995

■ 4281286555

■ 4289440155

■ 4280300187

■ 4290426523

■ 4279248283

■ 4291478427

■ 4278261915

■ 4292530331

■ 4278196379

■ 4293516699

■ 4294568603

# Harmonies

## Analogous

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



4283464347



4285363355



4286999953

# Triad

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



4285363355



4288179290



4283203693

# Complementary

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



4285363355



4288386157

# 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.



4284644699



4285363355



4287328848

# Square

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



4285363355



4288505963



4286085201



4282024321

# Rectangle

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



4285363355



4287851142



4286085201



4283662182



# Sweetspot

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



4285363355



4290230985



4285373331



4284177510



4293322470



4284900966



# Same Dimension

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



4285363355



4286680265



4286344603



4282730061



4278195596



4278190605



# Inverse Universe

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



4288376180



4291395980



4287404909



4283254086



4287365141

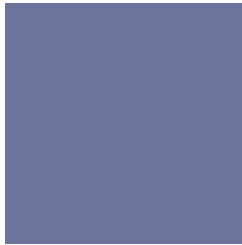


4279042050



# Previews

## White Background



This preview shows how the Android color 4285363355 looks on a white background.

## Color Contrast Check

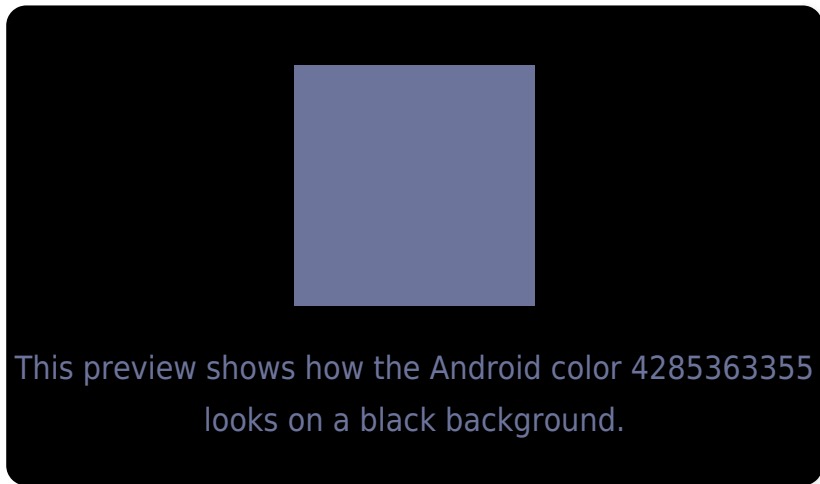
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

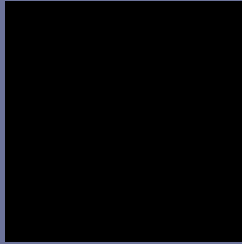
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4285363355 Background



This preview shows how black text looks on a background with the Android color 4285363355.



This preview shows how white text looks on a background with the Android color 4285363355.

# 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**

4285363355

**Protanopia**

4285232283

**Deuteranopia**

4285363355



# Trichromacy



**Original Color**  
4285363355

**Protanomaly**  
4285297819

**Deuteranomaly**  
4285363355

**Tritanomaly**  
4285167499

# Monochromacy



**Original Color**  
4285363355

**Achromatopsia**  
4285953654

**Achromatomaly**  
4285756803

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285363355 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(109, 116, 155)` looks like.

```
.text, #text, p{  
    color:rgb(109, 116, 155)  
}
```

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(109, 116, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 116, 155) }
```

## Border

The CSS property to change the border of an element to Android 4285363355 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(109, 116, 155) }
```

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

```
.border{ border-color:rgb(109, 116, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 116, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 116, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 116, 155);  
box-shadow:4px 4px 4px 4px rgb(109, 116,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4285363355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 116, 155) }
```

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

```
.background{ background-color: rgb(109,  
116, 155) }
```

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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