

# Converting Colors

Android(4285006995)

Have a look what the booklet for  
Android(4285006995) contains.

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# Color

**Android(4285006995)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	680493
RGB	104, 4, 147
RGB Percent	41%, 2%, 58%
CMY	0.5922, 0.9843, 0.4235
CMYK	0.29, 0.97, 0.00, 0.42
HSL	282°, 95%, 30%
HSV	282°, 97%, 58%
XYZ	11.0188, 5.1365, 28.0144
YIQ	50.2020, 13.6970, 65.6730

# Conversions

## Conversions Part 2

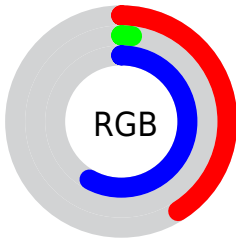
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 4, 147
Decimal	6816915
CIELab	27.12, 57.94, -52.86
CIElCh	27, 78.429, 317.624
Yxy	5.1365, 0.2495, 0.1163
Android (android.graphics.Color)	4285006995 (0xFF680493)
YUV	50.2020, 47.7214, 47.1808
Hunter-Lab	22.6638, 47.1224, -57.4230

# Details

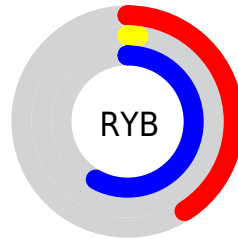
The Android color **4285006995** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4281307908**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4288693962**, and **4281401439** is the 20% darker color. If you saturate the color by 10%, you get **4284940435**, and if you desaturate by 10%, it is **4285272979**.

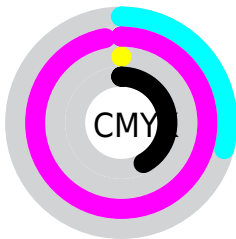
# Distribution



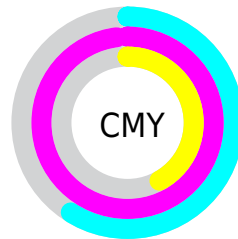
- Red (41%)
- Green (2%)
- Blue (58%)



- Red (41%)
- Yellow (2%)
- Blue (58%)



- Cyan (29%)
- Magenta (97%)
- Yellow (0%)
- Black (42%)



- Cyan (59%)
- Magenta (98%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285006995 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 4285006995 by changing the saturation by 10% instead.





4285006995



4285006995

4294967295



4283170937



4288693962



4281401439



4290601446



4279631943



4292508927



4278190639



4294416383



4278190361



4294947839



4278190080



4294955263



4294962687



4285006995



4285006995

■ 4284940435

■ 4285272979

■ 4285604243

■ 4285870227

■ 4286201747

■ 4286467475

■ 4286798995

■ 4287064979

■ 4287330963

■ 4287662227

# Harmonies

## Analogous

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



4278205878



4285006995



4288151644

# Triad

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



4285006995



4284757248



4278211939

# Complementary

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



4285006995



4281307908

# 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.



4278211620



4285006995



4281157632

# Square

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



4285006995



4287299584



4278210560



4278212250

# Rectangle

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



4285006995



4288741428



4278210560



4278211919



# Sweetspot

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



4285006995



4289693887



4278464915



4283907937



4292927712



4284572001



# Same Dimension

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



4285006995



4286972095



4287825017



4282925898



4284481674



4278648842



# Inverse Universe

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



4287824943



4290707514



4278489886



4283056965



4287234089



4278845443



# Previews

## White Background



This preview shows how the Android color 4285006995 looks on a white background.

## Color Contrast Check

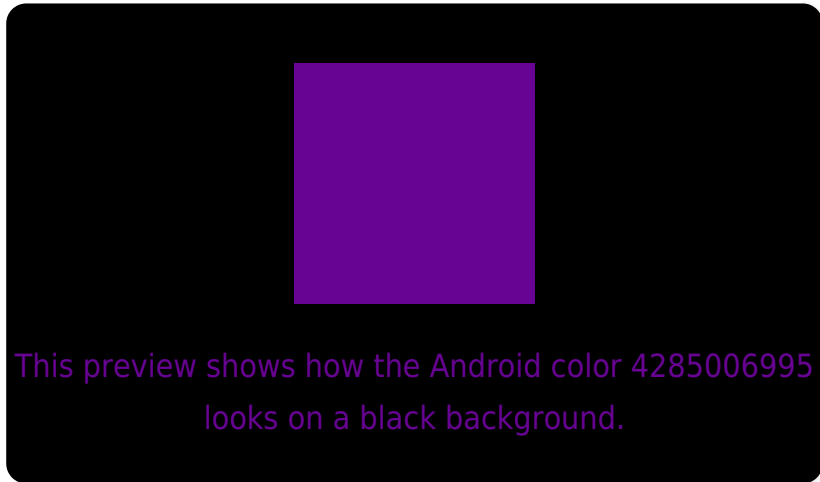
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285006995 Background



This preview shows how black text looks on a background with the Android color 4285006995.



This preview shows how white text looks on a background with the Android color 4285006995.

# 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**  
4285006995

**Deuteranopia**  
4278207606

**Tritanopia**  
4284103230

# Trichromacy



**Original Color**  
4285006995

**Deuteranomaly**  
4280692097

**Tritanomaly**  
4284425821

# Monochromacy



**Original Color**  
4285006995

**Achromatopsia**  
4281479730

**Achromatomaly**  
4282786133

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285006995 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(104, 4, 147)` looks like.

```
.text, #text, p{  
    color:rgb(104, 4, 147)  
}
```

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(104, 4, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 4, 147) }
```

## Border

The CSS property to change the border of an element to Android 4285006995 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(104, 4, 147) }
```

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

```
.border{ border-color:rgb(104, 4, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 4, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 4, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 4, 147);  
box-shadow:4px 4px 4px 4px rgb(104, 4,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4285006995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 4, 147) }
```

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

```
.background{ background-color: rgb(104, 4,  
147) }
```

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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