

# Converting Colors

Android(4285109955)

Have a look what the booklet for  
Android(4285109955) contains.

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# **Color**

**Android(4285109955)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6996C3
RGB	105, 150, 195
RGB Percent	41%, 59%, 76%
CMY	0.5882, 0.4118, 0.2353
CMYK	0.46, 0.23, 0.00, 0.24
HSL	210°, 43%, 59%
HSV	210°, 46%, 76%
XYZ	26.5824, 28.7561, 55.7792
YIQ	141.6750, -41.2650, 4.4550

# Conversions

## Conversions Part 2

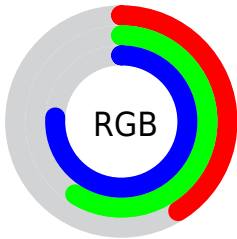
Format	Color
R <sub>Y</sub> B	105, 135, 195
Decimal	6919875
CIE Lab	60.57, -3.04, -28.02
CIE LCh	61, 28.185, 263.799
Yxy	28.7561, 0.2392, 0.2588
Android (android.graphics.Color)	4285109955 (0xFF6996C3)
YUV	141.6750, 26.2892, -32.1640
Hunter-Lab	53.6247, -5.3587, -24.1348

# Details

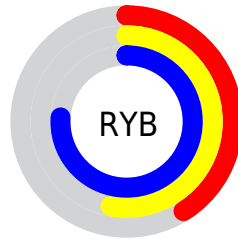
The Android color `4285109955` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291008105`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4288728316`, and `4281492365` is the 20% darker color. If you saturate the color by 10%, you get `4283862211`, and if you desaturate by 10%, it is `4286357699`.

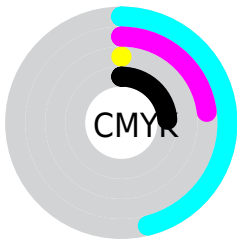
# Distribution



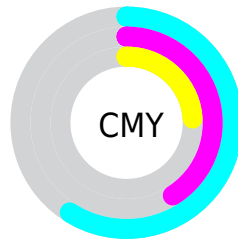
- Red (41%)
- Green (59%)
- Blue (76%)



- Red (41%)
- Yellow (53%)
- Blue (76%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (24%)



- Cyan (59%)
- Magenta (41%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285109955 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 4285109955 by changing the saturation by 10% instead.





4285109955



4285109955

4294967295



4283333800



4288728316



4281492365



4290570495



4279192691



4292476927



4278203739



4294377471



4278198339



4278191917



4278190359



4278190080



4285109955



4285109955

■ 4283862211

■ 4286357699

■ 4282549187

■ 4287670979

■ 4281235907

■ 4288918467

■ 4279988163

■ 4290231747

■ 4278674883

■ 4291545027

■ 4278215363

■ 4292792515

■ 4294105795

■ 4294960323

■ 4294962883

# Harmonies

## Analogous

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



4282948793



4285109955



4287532735

# Triad

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



4285109955



4291002495



4285701236

# Complementary

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



4285109955



4291008105

# 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.



4287600484



4285109955



4290479723

# Square

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



4285109955



4290740376



4289236833



4283801484

# Rectangle

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



4285109955



4288972982



4289236833



4286356333

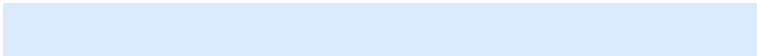


# Sweetspot

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



4285109955



4292471804



4285121430



4285166976



4278190080



4286611584



# Same Dimension

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



4285109955



4285708284



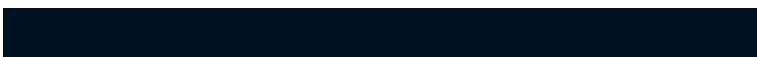
4285098435



4283915361



4278210721



4278194465



# Inverse Universe

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



4290996630



4294734519



4291019625



4284569436



4288741456



4280352785



# Previews

## White Background



This preview shows how the Android color 4285109955 looks on a white background.

## Color Contrast Check

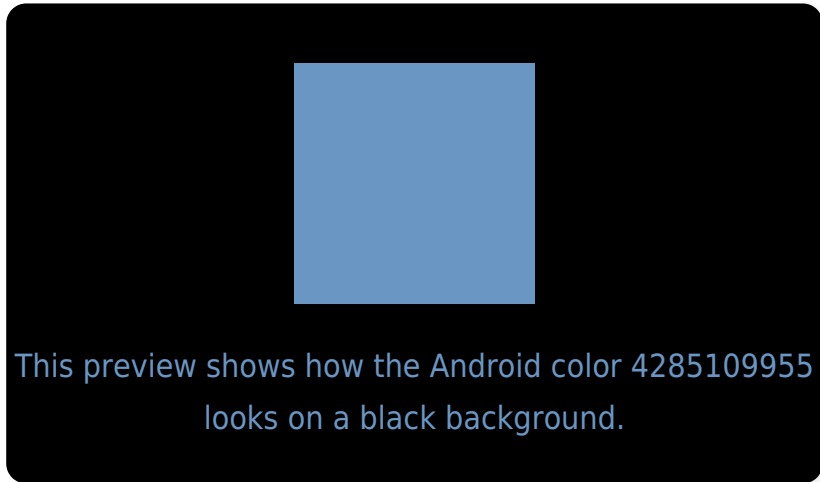
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

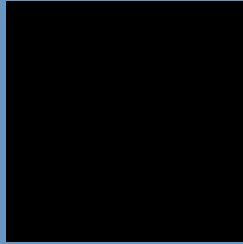
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4285109955 Background



This preview shows how black text looks on a background with the Android color 4285109955.

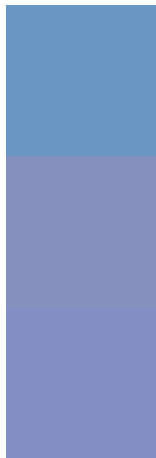


This preview shows how white text looks on a background with the Android color 4285109955.

# 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**  
4285109955

**Protanopia**  
4286943422

**Deuteranopia**  
4286812100



# Trichromacy



**Original Color**  
4285109955

**Protanomaly**  
4286288576

**Deuteranomaly**  
4286223044

**Tritanomaly**  
4284783025

# Monochromacy



**Original Color**  
4285109955

**Achromatopsia**  
4287532686

**Achromatomaly**  
4286681505

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285109955 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(105, 150, 195)` looks like.

```
.text, #text, p{  
    color:rgb(105, 150, 195)  
}
```

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(105, 150, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 150, 195) }
```

## Border

The CSS property to change the border of an element to Android 4285109955 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(105, 150, 195) }
```

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

```
.border{ border-color:rgb(105, 150, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 150, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 150, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 150, 195);  
box-shadow:4px 4px 4px 4px rgb(105, 150,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4285109955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 150, 195) }
```

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

```
.background{ background-color: rgb(105,  
150, 195) }
```

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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