

# Converting Colors

Android(4283601863)

Have a look what the booklet for  
Android(4283601863) contains.

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# Color

**Android(4283601863)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5293C7
RGB	82, 147, 199
RGB Percent	32%, 58%, 78%
CMY	0.6784, 0.4235, 0.2196
CMYK	0.59, 0.26, 0.00, 0.22
HSL	207°, 51%, 55%
HSV	207°, 59%, 78%
XYZ	24.2222, 26.7848, 57.9262
YIQ	133.4930, -55.4320, 2.3920

# Conversions

## Conversions Part 2

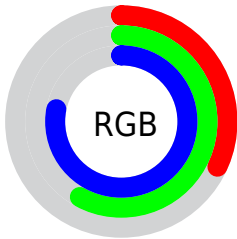
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 124, 199
Decimal	5411783
CIE Lab	58.77, -5.30, -33.14
CIE LCh	59, 33.557, 260.908
Yxy	26.7848, 0.2224, 0.2459
Android (android.graphics.Color)	4283601863 (0xFF5293C7)
YUV	133.4930, 32.2950, -45.1594
Hunter-Lab	51.7540, -7.0270, -30.1330

# Details

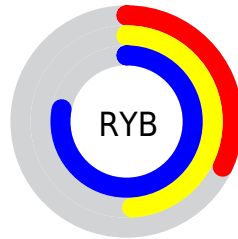
The Android color `4283601863` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `4291266130`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4287416831`, and `4278280593` is the 20% darker color. If you saturate the color by 10%, you get `4282288839`, and if you desaturate by 10%, it is `4284914887`.

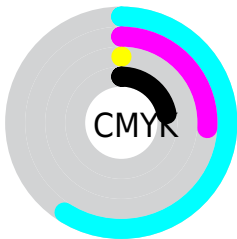
# Distribution



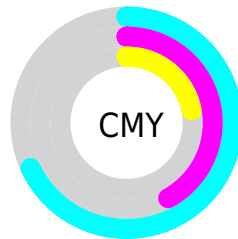
- Red (32%)
- Green (58%)
- Blue (78%)



- Red (32%)
- Yellow (49%)
- Blue (78%)



- Cyan (59%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)



- Cyan (68%)
- Magenta (42%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283601863 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 4283601863 by changing the saturation by 10% instead.





4283601863



4283601863

4294967295



4281563564



4287416831



4278280593



4289324543



4278208887



4291231743



4278203230



4293132287



4278197830



4278191151



4278190362



4278190080



4283601863



4283601863

■ 4282288839

■ 4284914887

■ 4280975815

■ 4286227911

■ 4279662791

■ 4287540935

■ 4278350023

■ 4288853703

■ 4278218695

■ 4290166727

■ 4291414215

■ 4292727239

■ 4294040263

■ 4294960071

# Harmonies

## Analogous

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



4279737018



4283601863



4286876100

# Triad

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



4283601863



4291262330



4285176167

# Complementary

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



4283601863



4291266130

# 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.



4287402581



4283601863



4290674273

# Square

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



4283601863



4290869144



4289300819



4282621315

# Rectangle

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



4283601863



4288643770



4289300819



4285962080

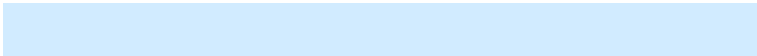


# Sweetspot

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



4283601863



4291947519



4283615109



4284707712



4278190080



4286611584



# Same Dimension

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



4283601863



4283084799



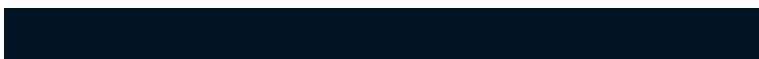
4283587271



4284112739



4278213539



4278195236



# Inverse Universe

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



4291252883



4294920879



4291280722



4284701279



4288872539



4280549396



# Previews

## White Background



This preview shows how the Android color 4283601863 looks on a white background.

## Color Contrast Check

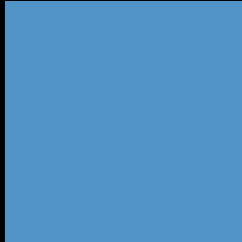
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4283601863 looks on a 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 4283601863 Background



This preview shows how black text looks on a background with the Android color 4283601863.



This preview shows how white text looks on a background with the Android color 4283601863.

# 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





# Trichromacy



**Original Color**  
4283601863

**Protanomaly**  
4285370051

**Deuteranomaly**  
4285107912

**Tritanomaly**  
4283013042

# Monochromacy



**Original Color**  
4283601863

**Achromatopsia**  
4286940549

**Achromatomaly**  
4285696669

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283601863 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(82, 147, 199)` looks like.

```
.text, #text, p{  
    color:rgb(82, 147, 199)  
}
```

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(82, 147, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 147, 199) }
```

## Border

The CSS property to change the border of an element to Android 4283601863 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(82, 147, 199) }
```

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

```
.border{ border-color:rgb(82, 147, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 147, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 147, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 147, 199);  
box-shadow:4px 4px 4px 4px rgb(82, 147,  
199) }
```

# Background

The CSS property to change the background color of an element to Android 4283601863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 147, 199) }
```

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

```
.background{ background-color: rgb(82, 147,  
199) }
```

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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