

# Converting Colors

Android(4283463605)

Have a look what the booklet for  
Android(4283463605) contains.

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# Color

**Android(4283463605)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5077B5
RGB	80, 119, 181
RGB Percent	31%, 47%, 71%
CMY	0.6863, 0.5333, 0.2902
CMYK	0.56, 0.34, 0.00, 0.29
HSL	217°, 41%, 51%
HSV	217°, 56%, 71%
XYZ	18.2456, 18.2353, 46.2742
YIQ	114.4070, -43.1460, 11.0140

# Conversions

## Conversions Part 2

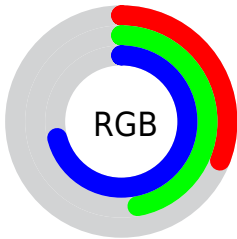
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 108, 181
Decimal	5273525
CIE <sub>Lab</sub>	49.78, 4.90, -36.95
CIE <sub>LCh</sub>	50, 37.277, 277.547
Yxy	18.2353, 0.2205, 0.2204
Android (android.graphics.Color)	4283463605 (0xFF5077B5)
YUV	114.4070, 32.8303, -30.1749
Hunter-Lab	42.7028, 1.5375, -34.3566

# Details

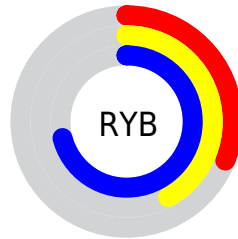
The Android color `4283463605` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290088528`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4287146989`, and `4278994816` is the 20% darker color. If you saturate the color by 10%, you get `4282281141`, and if you desaturate by 10%, it is `4284646069`.

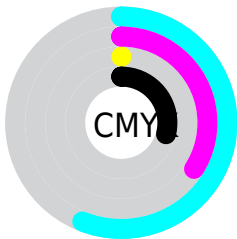
# Distribution



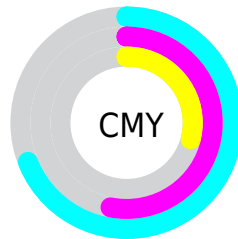
- Red (31%)
- Green (47%)
- Blue (71%)



- Red (31%)
- Yellow (42%)
- Blue (71%)



- Cyan (56%)
- Magenta (34%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (53%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283463605 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 4283463605 by changing the saturation by 10% instead.





4283463605



4283463605

4294967295



4281556634



4287146989



4278994816



4288988927



4278202726



4290831103



4278197582



4292739071



4278190647



4294705151



4278190625



4278190085



4278190080



4283463605



4283463605

■ 4282281141

■ 4284646069

■ 4281098677

■ 4285828533

■ 4279916213

■ 4287010997

■ 4278733749

■ 4288193461

■ 4278208181

■ 4289441717

■ 4290624181

■ 4291806645

■ 4292989109

■ 4294171573

# Harmonies

## Analogous

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



4278223024



4283463605



4286868393

# Triad

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



4283463605



4289618257



4281632093

# Complementary

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



4283463605



4290088528

# 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.



4284514370



4283463605



4288506940

# Square

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



4283463605



4289879152



4286740278



4278224766

# Rectangle

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



4283463605



4288373657



4286740278



4282745683



# Sweetspot

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



4283463605



4291023595



4283479437



4284376949



4294309365



4285887861



# Same Dimension

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



4283463605



4283271915



4284108981



4283454553



4278205337



4278192666



# Inverse Universe

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



4290072695



4293610890



4289443152



4284043348



4288217147

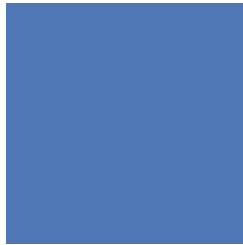


4279894026



# Previews

## White Background



This preview shows how the Android color 4283463605 looks on a white background.

## Color Contrast Check

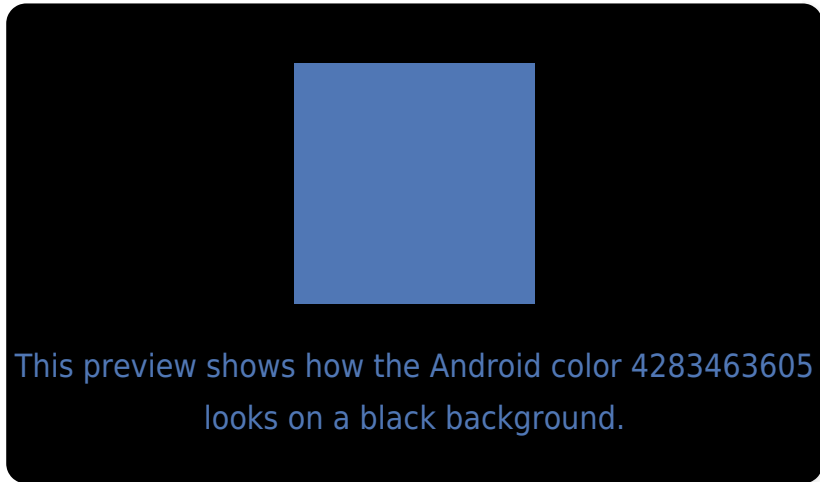
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283463605 Background



This preview shows how black text looks on a background with the Android color 4283463605.

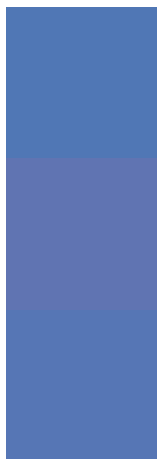


This preview shows how white text looks on a background with the Android color 4283463605.

# 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**

4283463605

**Protanopia**

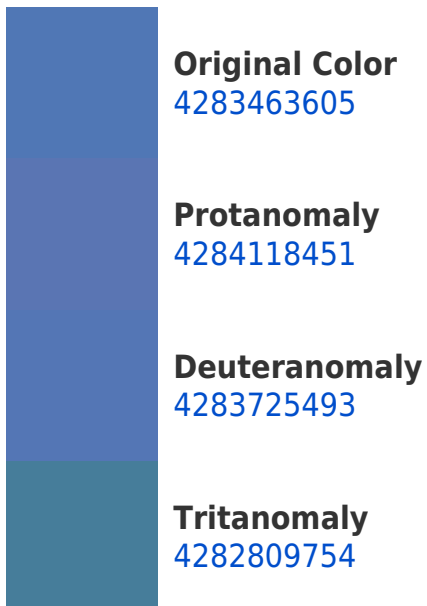
4284511410

**Deuteranopia**

4283856565



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283463605 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(80, 119, 181)` looks like.

```
.text, #text, p{  
    color:rgb(80, 119, 181)  
}
```

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(80, 119, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 119, 181) }
```

## Border

The CSS property to change the border of an element to Android 4283463605 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(80, 119, 181) }
```

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

```
.border{ border-color:rgb(80, 119, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 119, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 119, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 119, 181);  
box-shadow:4px 4px 4px 4px rgb(80, 119,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4283463605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 119, 181) }
```

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

```
.background{ background-color: rgb(80, 119,  
181) }
```

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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