

# Converting Colors

Android(4282017477)

Have a look what the booklet for  
Android(4282017477) contains.

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# Color

**Android(4282017477)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A66C5
RGB	58, 102, 197
RGB Percent	23%, 40%, 77%
CMY	0.7725, 0.6000, 0.2275
CMYK	0.71, 0.48, 0.00, 0.23
HSL	221°, 55%, 50%
HSV	221°, 71%, 77%
XYZ	16.5743, 14.4335, 54.7357
YIQ	99.6740, -56.7190, 20.2170

# Conversions

## Conversions Part 2

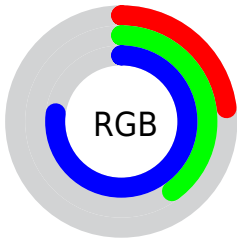
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 91, 197
Decimal	3827397
CIELab	44.85, 17.06, -54.11
CIELCh	45, 56.741, 287.502
Yxy	14.4335, 0.1933, 0.1683
Android (android.graphics.Color)	4282017477 (0xFF3A66C5)
YUV	99.6740, 47.9817, -36.5481
Hunter-Lab	37.9914, 11.3883, -58.8273

# Details

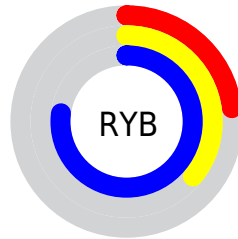
The Android color `4282017477` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291139898`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4286159102`, and `4278204558` is the 20% darker color. If you saturate the color by 10%, you get `4280703429`, and if you desaturate by 10%, it is `4283331525`.

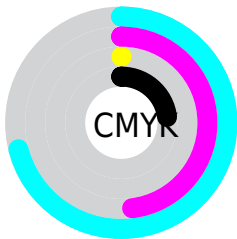
# Distribution



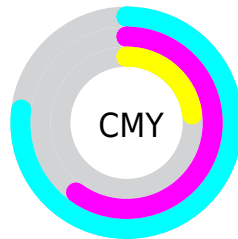
- Red (23%)
- Green (40%)
- Blue (77%)



- Red (23%)
- Yellow (36%)
- Blue (77%)



- Cyan (71%)
- Magenta (48%)
- Yellow (0%)
- Black (23%)



- Cyan (77%)
- Magenta (60%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282017477 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 4282017477 by changing the saturation by 10% instead.



■ 4282017477

■ 4282017477

4294967295

■ 4278603433

■ 4286159102

■ 4278204558

■ 4288132095

■ 4278199412

■ 4290039551

■ 4278194267

■ 4292013055

■ 4278191939

■ 4293984255

■ 4278190892

■ 4278190358

■ 4278190080

■ 4282017477

■ 4282017477

■ 4280703429

■ 4283331525

■ 4279454661

■ 4284580293

■ 4278206149

■ 4285894341

■ 4287208645

■ 4288522693

■ 4289771461

■ 4291085509

■ 4292399813

■ 4293648325

# Harmonies

## Analogous

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



4278220231



4282017477



4287516843

# Triad

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



4282017477



4289678373



4278222420

# Complementary

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



4282017477



4291139898

# 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.



4280908324



4282017477



4287652096

# Square

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



4282017477



4290656593



4284903424



4278222981

# Rectangle

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



4282017477



4289413519



4284903424



4278222148



# Sweetspot

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



4282017477



4291418879



4282041753



4284508800



4278190080



4286611584



# Same Dimension

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



4282017477



4280708095



4283644613



4284112227



4278203555



4278192932



# Inverse Universe

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



4291115622



4294911595



4289512762



4284701277



4288872500



4280549387



# Previews

## White Background



This preview shows how the Android color 4282017477 looks on a white background.

## Color Contrast Check

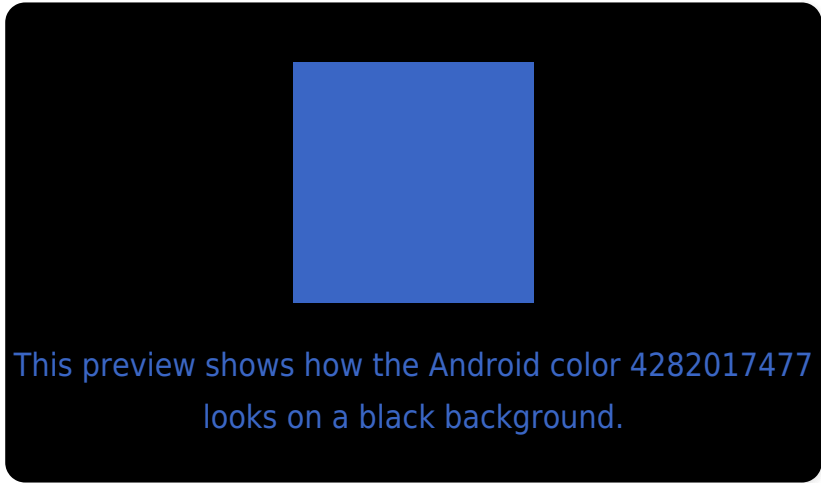
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 4282017477 Background



This preview shows how black text looks on a background with the Android color 4282017477.



This preview shows how white text looks on a background with the Android color 4282017477.

# 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**  
4282017477

**Protanopia**  
4281820869

**Deuteranopia**  
4278217918



# Trichromacy



**Original Color**  
4282017477

**Protanomaly**  
4281886405

**Deuteranomaly**  
4279593665

**Tritanomaly**  
4279595160

# Monochromacy



**Original Color**  
4282017477

**Achromatopsia**  
4284769380

**Achromatomaly**  
4283786631

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282017477 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(58, 102, 197)` looks like.

```
.text, #text, p{  
    color:rgb(58, 102, 197)  
}
```

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(58, 102, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 102, 197) }
```

## Border

The CSS property to change the border of an element to Android 4282017477 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(58, 102, 197) }
```

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

```
.border{ border-color:rgb(58, 102, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 102, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(58, 102, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(58, 102, 197); box-shadow:4px 4px 4px 4px rgb(58, 102, 197) }
```

# Background

The CSS property to change the background color of an element to Android 4282017477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 102, 197) }
```

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

```
.background{ background-color: rgb(58, 102,  
197) }
```

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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