

# Converting Colors

Android(4282218977)

Have a look what the booklet for  
Android(4282218977) contains.

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# Color

**Android(4282218977)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D79E1
RGB	61, 121, 225
RGB Percent	24%, 47%, 88%
CMY	0.7608, 0.5255, 0.1176
CMYK	0.73, 0.46, 0.00, 0.12
HSL	218°, 73%, 56%
HSV	218°, 73%, 88%
XYZ	22.3524, 20.1031, 73.9363
YIQ	114.9160, -69.1440, 19.6240

# Conversions

## Conversions Part 2

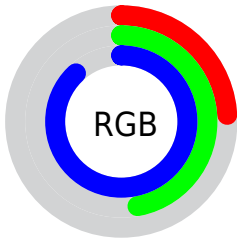
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 105, 225
Decimal	4028897
CIE Lab	51.95, 15.72, -58.63
CIE LCh	52, 60.701, 285.012
Yxy	20.1031, 0.1920, 0.1727
Android (android.graphics.Color)	4282218977 (0xFF3D79E1)
YUV	114.9160, 54.2714, -47.2843
Hunter-Lab	44.8365, 10.5243, -66.3850

# Details

The Android color `4282218977` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle washed azure. A complement of this color would be `4292977981`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4286623231`, and `4278208937` is the 20% darker color. If you saturate the color by 10%, you get `4280773601`, and if you desaturate by 10%, it is `4283729889`.

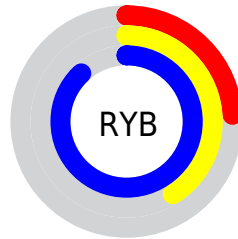
# Distribution



Red (24%)

Green (47%)

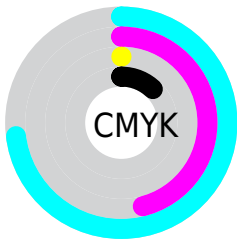
Blue (88%)



Red (24%)

Yellow (41%)

Blue (88%)

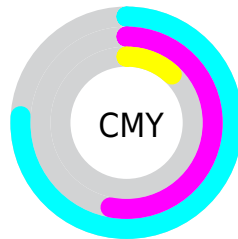


Cyan (73%)

Magenta (46%)

Yellow (0%)

Black (12%)



Cyan (76%)

Magenta (53%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282218977 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 4282218977 by changing the saturation by 10% instead.





4282218977



4282218977

4294967295



4278215109



4286623231



4278208937



4288661759



4278203534



4290635007



4278198388



4292607999



4278192218



4294639615



4278191938



4278190891



4278190357



4278190080

■ 4282218977

■ 4282218977

■ 4280773601

■ 4283729889

■ 4279262433

■ 4285175521

■ 4278211297

■ 4286686433

■ 4288131809

■ 4289577185

■ 4291088353

■ 4292599265

■ 4294044641

■ 4294965729

# Harmonies

## Analogous

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



4278225377



4282218977



4288635590

# Triad

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



4282218977



4291516724



4278227551

# Complementary

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



4282218977



4292977981

# 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.



4282289451



4282218977



4289359873

# Square

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



4282218977



4292429668



4286349568



4278228117

# Rectangle

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



4282218977



4290859433



4286349568



4278227277



# Sweetspot

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



4282218977



4291288063



4282245541



4284377728



4278190080



4286611584



# Same Dimension

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



4282218977



4280382207



4283645409



4284836208



4278206640



4278194736



# Inverse Universe

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



4292951417



4294910322



4291551549



4285556073



4289724480



4281335826



# Previews

## White Background



This preview shows how the Android color 4282218977 looks on a white background.

## Color Contrast Check

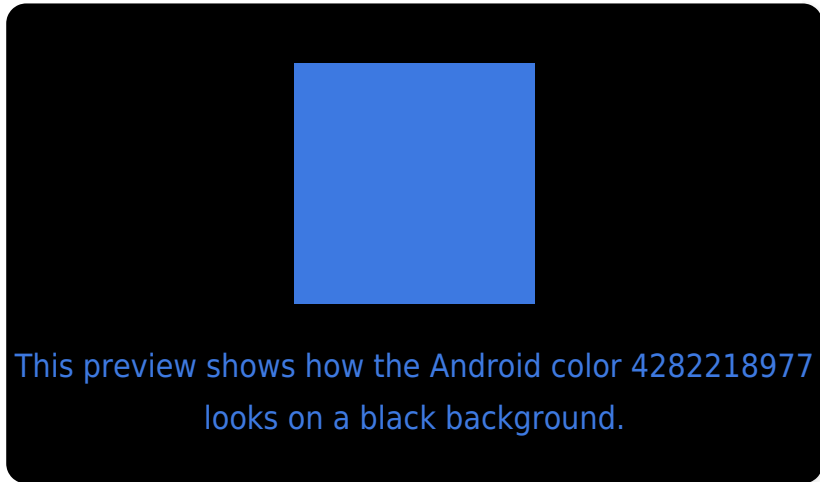
Large Text (above 18pt) WCAG AA ✓ Pass

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

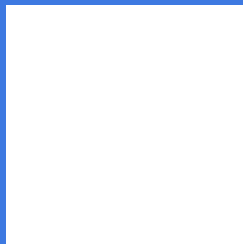
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282218977 Background



This preview shows how black text looks on a background with the Android color 4282218977.

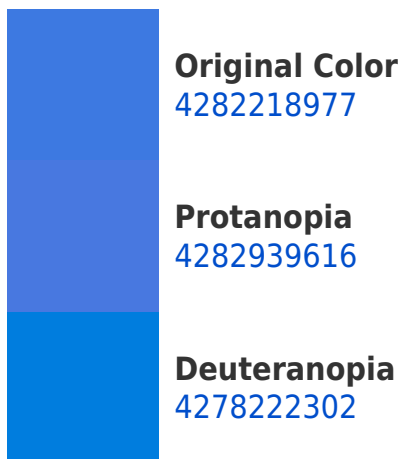


This preview shows how white text looks on a background with the Android color 4282218977.

# Color Blindness Simulation

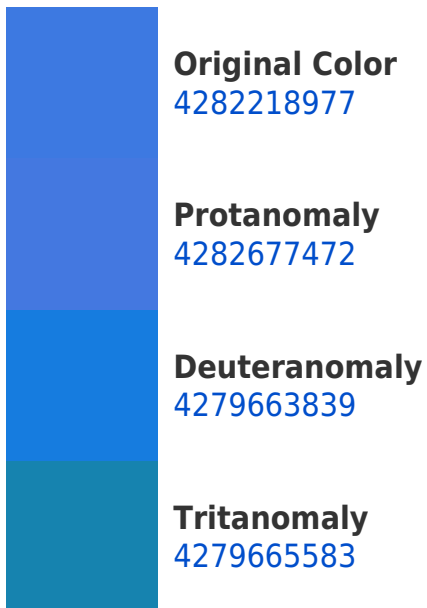
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282218977 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(61, 121, 225)` looks like.

```
.text, #text, p{  
    color:rgb(61, 121, 225)  
}
```

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(61, 121, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 121, 225) }
```

## Border

The CSS property to change the border of an element to Android 4282218977 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(61, 121, 225) }
```

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

```
.border{ border-color:rgb(61, 121, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 121, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 121, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 121, 225);  
box-shadow:4px 4px 4px 4px rgb(61, 121,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4282218977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 121, 225) }
```

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

```
.background{ background-color: rgb(61, 121,  
225) }
```

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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