

# Converting Colors

Android(4286027977)

Have a look what the booklet for  
Android(4286027977) contains.

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# **Color**

**Android(4286027977)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7798C9
RGB	119, 152, 201
RGB Percent	47%, 60%, 79%
CMY	0.5333, 0.4039, 0.2118
CMYK	0.41, 0.24, 0.00, 0.21
HSL	216°, 43%, 63%
HSV	216°, 41%, 79%
XYZ	29.3786, 30.5955, 59.6154
YIQ	147.7190, -35.3970, 8.2430

# Conversions

## Conversions Part 2

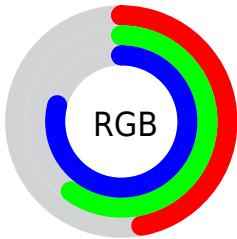
Format	Color
<a href="#">RYB</a>	<a href="#">119, 143, 201</a>
Decimal	<a href="#">7837897</a>
CIELab	<a href="#">62.16, 1.15, -28.85</a>
CIElCh	<a href="#">62, 28.874, 272.281</a>
Yxy	<a href="#">30.5955, 0.2457, 0.2558</a>
Android (android.graphics.Color)	<a href="#">4286027977</a> ( <a href="#">0xFF7798C9</a> )
YUV	<a href="#">147.7190, 26.2675, -25.1866</a>
Hunter-Lab	<a href="#">55.3132, -1.9909, -25.1824</a>

# Details

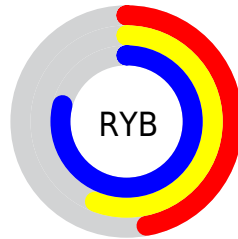
The Android color `4286027977` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291405943`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4289646335`, and `4282541459` is the 20% darker color. If you saturate the color by 10%, you get `4284714185`, and if you desaturate by 10%, it is `4287341769`.

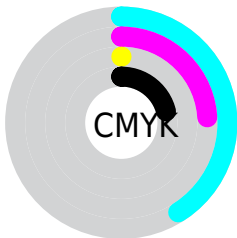
# Distribution



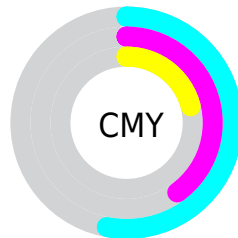
- Red (47%)
- Green (60%)
- Blue (79%)



- Red (47%)
- Yellow (56%)
- Blue (79%)



- Cyan (41%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)



- Cyan (53%)
- Magenta (40%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286027977 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 4286027977 by changing the saturation by 10% instead.



 4286027977

 4286027977

4294967295

 4284251822

 4289646335

 4282541459

 4291488511

 4280700281

 4293394431

 4278204256

 4278198856

 4278192945

 4278190364

 4278190080

 4286027977

 4286027977

■ 4284714185

■ 4287341769

■ 4283400393

■ 4288655561

■ 4282086601

■ 4289969353

■ 4280772809

■ 4291283145

■ 4279393481

■ 4292662473

■ 4278211017

■ 4293976265

■ 4294962377

■ 4294965449

■ 4294967241

# Harmonies

## Analogous

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



4283604931



4286027977



4288450497

# Triad

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



4286027977



4291331452



4285375102

# Complementary

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



4286027977



4291405943

# 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.



4287339882



4286027977



4290547050

# Square

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



4286027977



4291265429



4289107299



4283475095

# Rectangle

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



4286027977



4289759670



4289107299



4286030198

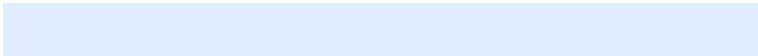


# Sweetspot

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



4286027977



4292931071



4286040487



4285429120



4278190080



4286611584

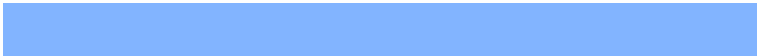


# Same Dimension

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



4286027977



4286756095



4286478281



4284112483



4278207139



4278193700



# Inverse Universe

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



4291393432



4294935220



4290955639



4284701278



4288872514



4280549390



# Previews

## White Background



This preview shows how the Android color 4286027977 looks on a white background.

## Color Contrast Check

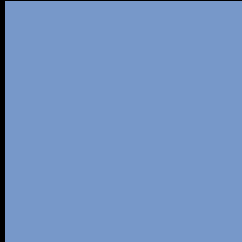
Large Text (above 18pt) WCAG AA × Fail

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 4286027977 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 ✓ Pass

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



# Android 4286027977 Background



This preview shows how black text looks on a background with the Android color 4286027977.

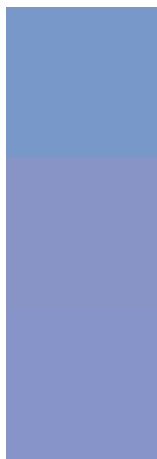


This preview shows how white text looks on a background with the Android color 4286027977.

# 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**  
4286027977

**Protanopia**  
4287141062

**Deuteranopia**  
4287075530



# Trichromacy



**Original Color**  
4286027977

**Protanomaly**  
4286748103

**Deuteranomaly**  
4286682570

**Tritanomaly**  
4285701301

# Monochromacy



**Original Color**  
4286027977

**Achromatopsia**  
4287927444

**Achromatomaly**  
4287206823

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286027977 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(119, 152, 201)` looks like.

```
.text, #text, p{  
    color:rgb(119, 152, 201)  
}
```

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(119, 152, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 152, 201) }
```

## Border

The CSS property to change the border of an element to Android 4286027977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

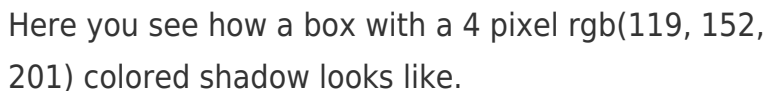
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 152, 201) }
```

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

```
.border{ border-color:rgb(119, 152, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 152, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 152, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 152, 201);  
box-shadow:4px 4px 4px 4px rgb(119, 152,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4286027977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 152, 201) }
```

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

```
.background{ background-color: rgb(119,  
152, 201) }
```

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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