

# Converting Colors

Android(4286022577)

Have a look what the booklet for  
Android(4286022577) contains.

<b>Android(4286022577)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4286022577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7783B1
RGB	119, 131, 177
RGB Percent	47%, 51%, 69%
CMY	0.5333, 0.4863, 0.3059
CMYK	0.33, 0.26, 0.00, 0.31
HSL	228°, 27%, 58%
HSV	228°, 33%, 69%
XYZ	23.6599, 23.3289, 44.8509
YIQ	132.6560, -21.9180, 11.7620

# Conversions

## Conversions Part 2

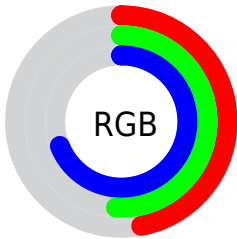
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 129, 177
Decimal	7832497
CIE <sub>Lab</sub>	55.41, 6.73, -25.69
CIE <sub>LCh</sub>	55, 26.558, 284.679
Yxy	23.3289, 0.2576, 0.2540
Android (android.graphics.Color)	4286022577 (0xFF7783B1)
YUV	132.6560, 21.8616, -11.9763
Hunter-Lab	48.3000, 2.9138, -21.2462

# Details

The Android color `4286022577` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `4289832311`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4289575145`, and `4282667644` is the 20% darker color. If you saturate the color by 10%, you get `4284839345`, and if you desaturate by 10%, it is `4287205809`.

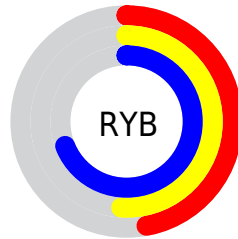
# Distribution



Red (47%)

Green (51%)

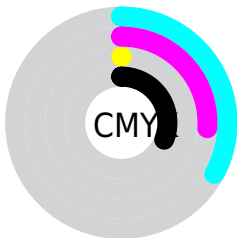
Blue (69%)



Red (47%)

Yellow (51%)

Blue (69%)

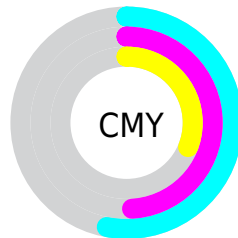


Cyan (33%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (49%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286022577 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 4286022577 by changing the saturation by 10% instead.



■ 4286022577

■ 4286022577

4294967295

■ 4284312214

■ 4289575145

■ 4282667644

■ 4291351551

■ 4281023331

■ 4293259519

■ 4279313995

■ 4278194484

■ 4278190623

■ 4278190081

■ 4278190080

■ 4286022577

■ 4286022577

■ 4284839345

■ 4287205809

■ 4283721649

■ 4288323505

■ 4282538417

■ 4289506737

■ 4281355185

■ 4290689969

■ 4280237489

■ 4291873201

■ 4279054257

■ 4292990897

■ 4278199729

■ 4294174129

■ 4294964145

■ 4294967217

# Harmonies

## Analogous

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



4283730609



4286022577



4288052134

# Triad

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



4286022577



4289624165



4283732088

# Complementary

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



4286022577



4289832311

# 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.



4285500771



4286022577



4288642905

# Square

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



4286022577



4289950842



4287203160



4282225040

# Rectangle

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



4286022577



4289033881



4287203160



4284321904



# Sweetspot

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



4286022577



4291810278



4286034340



4284835955



4294111986



4285756275



# Same Dimension

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



4286022577



4287406054



4287068081



4283454041



4278198425



4278191386



# Inverse Universe

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



4289820547



4293299359



4288786807



4284043346



4288217120



4279894021



# Previews

## White Background



This preview shows how the Android color 4286022577 looks on a white background.

## Color Contrast Check

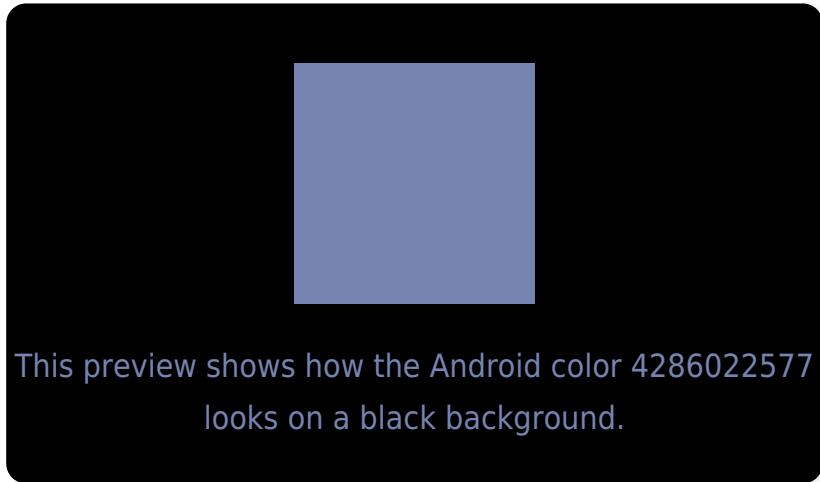
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286022577 Background



This preview shows how black text looks on a background with the Android color 4286022577.



This preview shows how white text looks on a background with the Android color 4286022577.

# 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**  
4286022577

**Protanopia**  
4286088113

**Deuteranopia**  
4286153649



# Trichromacy



**Original Color**  
4286022577

**Protanomaly**  
4286088113

**Deuteranomaly**  
4286088113

**Tritanomaly**  
4285761438

# Monochromacy



**Original Color**  
4286022577

**Achromatopsia**  
4286940549

**Achromatomaly**  
4286612629

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286022577 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, 131, 177)` looks like.

```
.text, #text, p{  
    color:rgb(119, 131, 177)  
}
```

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, 131, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 131, 177) }
```

## Border

The CSS property to change the border of an element to Android 4286022577 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, 131, 177) }
```

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

```
.border{ border-color:rgb(119, 131, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 131, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 131, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 131, 177);  
box-shadow:4px 4px 4px 4px rgb(119, 131,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4286022577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 131, 177) }
```

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

```
.background{ background-color: rgb(119,  
131, 177) }
```

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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