

# Converting Colors

Android(4280977102)

Have a look what the booklet for  
Android(4280977102) contains.

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# Color

**Android(4280977102)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A86CE
RGB	42, 134, 206
RGB Percent	16%, 53%, 81%
CMY	0.8353, 0.4745, 0.1922
CMYK	0.80, 0.35, 0.00, 0.19
HSL	206°, 66%, 49%
HSV	206°, 80%, 81%
XYZ	20.6205, 21.9987, 61.5519
YIQ	114.7000, -77.9440, 2.8880

# Conversions

## Conversions Part 2

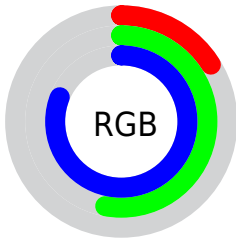
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	42, 101, 206
Decimal	2787022
CIE Lab	54.03, -1.39, -44.64
CIE LCh	54, 44.658, 268.210
Yxy	21.9987, 0.1979, 0.2112
Android (android.graphics.Color)	4280977102 (0xFF2A86CE)
YUV	114.7000, 45.0109, -63.7579
Hunter-Lab	46.9027, -3.6033, -44.9761




# Details

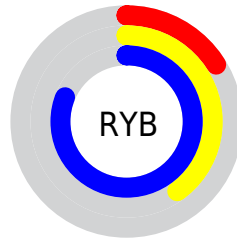
The Android color `4280977102` is a dark color, and the websafe version is hex `6699CC`. The color can be described as dark muted azure. A complement of this color would be `4291719722`, and the grayscale version is `4285690482`.




A 20% lighter version of the original color is `4285643775`, and `4278211991` is the 20% darker color. If you saturate the color by 10%, you get `4279598542`, and if you desaturate by 10%, it is `4282355662`.

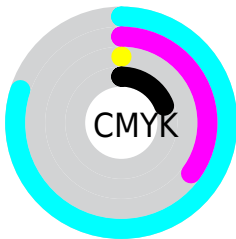
# Distribution







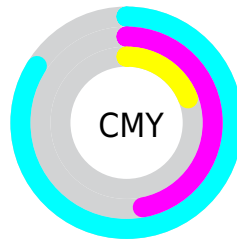
-  Red (16%)
-  Green (53%)
-  Blue (81%)






-  Red (16%)
-  Yellow (40%)
-  Blue (81%)



-  Cyan (80%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (19%)



-  Cyan (84%)
-  Magenta (47%)
-  Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280977102 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 4280977102 by changing the saturation by 10% instead.



 4280977102

 4280977102

4294967295

 4278218162

 4285643775

 4278211991

 4287616767

 4278206077

 4289590271

 4278200676

 4291624959

 4278195531

 4293591039

 4278191156

 4278190622

 4278190080

 4280977102

 4280977102

■ 4279598542

■ 4282355662

■ 4278285518

■ 4283668686

■ 4278219982

■ 4285047246

■ 4286360270

■ 4287738830

■ 4289117390

■ 4290430414

■ 4291808974

■ 4293121998

# Harmonies

## Analogous

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



4278226882



4280977102



4286544069

# Triad

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



4280977102



4291257183



4282487127

# Complementary

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



4280977102



4291719722

# 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.



4285762106



4280977102



4290211904

# Square

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



4280977102



4291190917



4288249393



4278228093

# Rectangle

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



4280977102



4288769717



4288249393



4283731788

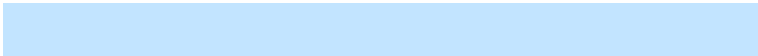


# Sweetspot

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



4280977102



4290962687



4280995441



4284182400



4278190080



4286611584

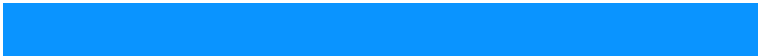


# Same Dimension

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



4280977102



4278883583



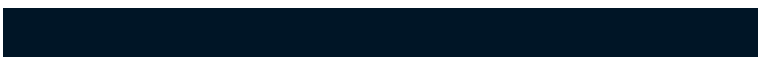
4280956366



4284244582



4278214054



4278195494



# Inverse Universe

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



4291701382



4294904468



4291740458



4284898402



4289069149



4280680469



# Previews

## White Background



This preview shows how the Android color 4280977102 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



This preview shows how the Android color 4280977102 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 × Fail

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



# Android 4280977102 Background



This preview shows how black text looks on a background with the Android color 4280977102.



This preview shows how white text looks on a background with the Android color 4280977102.

# 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



**Original Color**  
4280977102

**Protanomaly**  
4283466186

**Deuteranomaly**  
4282614735

**Tritanomaly**  
4279209133

# Monochromacy



**Original Color**  
4280977102

**Achromatopsia**  
4285756275

**Achromatomaly**  
4283988628

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280977102 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(42, 134, 206)` looks like.

```
.text, #text, p{  
    color:rgb(42, 134, 206)  
}
```

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(42, 134, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 134, 206) }
```

## Border

The CSS property to change the border of an element to Android 4280977102 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(42, 134, 206) }
```

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

```
.border{ border-color:rgb(42, 134, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 134, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 134, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 134, 206);  
box-shadow:4px 4px 4px 4px rgb(42, 134,  
206) }
```

# Background

The CSS property to change the background color of an element to Android 4280977102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 134, 206) }
```

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

```
.background{ background-color: rgb(42, 134,  
206) }
```

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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