

# Converting Colors

Android(4281428177)

Have a look what the booklet for  
Android(4281428177) contains.

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# Color

**Android(4281428177)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3168D1
RGB	49, 104, 209
RGB Percent	19%, 41%, 82%
CMY	0.8078, 0.5922, 0.1804
CMYK	0.77, 0.50, 0.00, 0.18
HSL	219°, 63%, 51%
HSV	219°, 77%, 82%
XYZ	17.7256, 15.1570, 62.3130
YIQ	99.5250, -66.4850, 20.9950

# Conversions

## Conversions Part 2

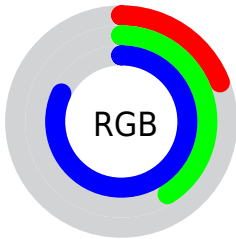
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	49, 90, 209
Decimal	3238097
CIE <sub>Lab</sub>	45.85, 19.08, -59.41
CIE <sub>LCh</sub>	46, 62.401, 287.801
Yxy	15.1570, 0.1862, 0.1592
Android (android.graphics.Color)	4281428177 (0xFF3168D1)
YUV	99.5250, 53.9712, -44.3104
Hunter-Lab	38.9321, 13.1390, -67.6446

# Details

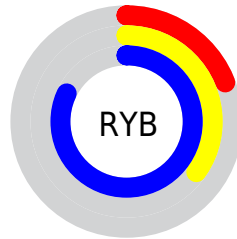
The Android color `4281428177` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291926577`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4285963263`, and `4278205082` is the 20% darker color. If you saturate the color by 10%, you get `4280048337`, and if you desaturate by 10%, it is `4282808017`.

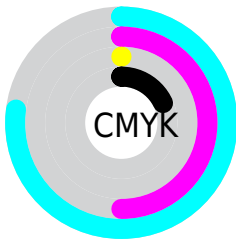
# Distribution



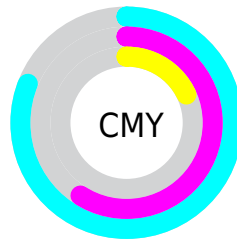
- Red (19%)
- Green (41%)
- Blue (82%)



- Red (19%)
- Yellow (35%)
- Blue (82%)



- Cyan (77%)
- Magenta (50%)
- Yellow (0%)
- Black (18%)



- Cyan (81%)
- Magenta (59%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281428177 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 4281428177 by changing the saturation by 10% instead.





4281428177



4281428177

4294967295



4278210741



4285963263



4278205082



4287935999



4278199935



4289909247



4278195045



4291948031



4278192460



4293918719



4278191413



4278190623



4278190081



4278190080

■ 4281428177

■ 4281428177

■ 4280048337

■ 4282808017

■ 4278668753

■ 4284187601

■ 4278208721

■ 4285567441

■ 4286947281

■ 4288327121

■ 4289641169

■ 4291021009

■ 4292400849

■ 4293780433

# Harmonies

## Analogous

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



4278221267



4281428177



4287975348

# Triad

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



4281428177



4290202142



4278223445

# Complementary

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



4281428177



4291926577

# 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.



4280122909



4281428177



4287980288

# Square

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



4281428177



4291310416



4284904448



4278224011

# Rectangle

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



4281428177



4290002069



4284904448



4278223171



# Sweetspot

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



4281428177



4291090943



4281455001



4284246144



4278190080



4286611584



# Same Dimension

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



4281428177



4279526911



4282986961



4284375657



4278205096



4278193705



# Inverse Universe

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



4291899752



4294906981



4290367793



4285095522



4289200186



4280877070



# Previews

## White Background



This preview shows how the Android color 4281428177 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



This preview shows how the Android color 4281428177 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

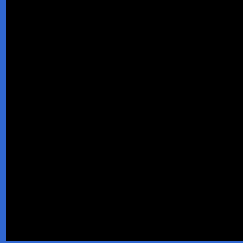
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281428177 Background



This preview shows how black text looks on a background with the Android color 4281428177.



This preview shows how white text looks on a background with the Android color 4281428177.

# 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**

4281428177

**Protanopia**

4281166033

**Deuteranopia**

4278218433



# Trichromacy



**Original Color**  
4281428177

**Protanomaly**  
4281231569

**Deuteranomaly**  
4279397575

**Tritanomaly**  
4279399069

# Monochromacy



**Original Color**  
4281428177

**Achromatopsia**  
4284769380

**Achromatomaly**  
4283524492

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281428177 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(49, 104, 209)` looks like.

```
.text, #text, p{  
    color:rgb(49, 104, 209)  
}
```

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(49, 104, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 104, 209) }
```

## Border

The CSS property to change the border of an element to Android 4281428177 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(49, 104, 209) }
```

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

```
.border{ border-color:rgb(49, 104, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 104, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 104, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 104, 209);  
box-shadow:4px 4px 4px 4px rgb(49, 104,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4281428177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 104, 209) }
```

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

```
.background{ background-color: rgb(49, 104,  
209) }
```

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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