

# Converting Colors

Android(4280577528)

Have a look what the booklet for  
Android(4280577528) contains.

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# Color

**Android(4280577528)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	246DF8
RGB	36, 109, 248
RGB Percent	14%, 43%, 97%
CMY	0.8588, 0.5725, 0.0275
CMYK	0.85, 0.56, 0.00, 0.03
HSL	219°, 94%, 56%
HSV	219°, 85%, 97%
XYZ	23.1395, 18.0897, 91.0790
YIQ	103.0190, -88.1270, 27.7530

# Conversions

## Conversions Part 2

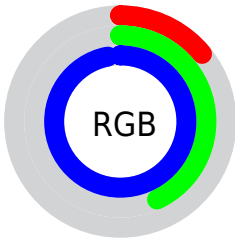
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	36, 90, 248
Decimal	2387448
CIE Lab	49.60, 29.43, -75.33
CIE LCh	50, 80.876, 291.337
Yxy	18.0897, 0.1749, 0.1367
Android (android.graphics.Color)	4280577528 (0xFF246DF8)
YUV	103.0190, 71.4756, -58.7757
Hunter-Lab	42.5319, 22.6819, -97.1928

# Details

The Android color `4280577528` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed azure. A complement of this color would be `4294487844`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4286095615`, and `4278206398` is the 20% darker color. If you saturate the color by 10%, you get `4278935032`, and if you desaturate by 10%, it is `4282220024`.

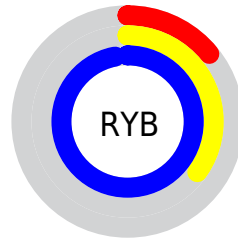
# Distribution



Red (14%)

Green (43%)

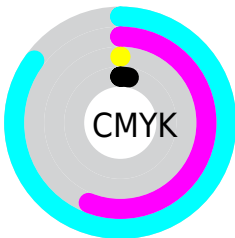
Blue (97%)



Red (14%)

Yellow (35%)

Blue (97%)

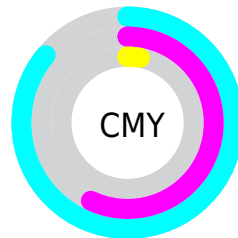


Cyan (85%)

Magenta (56%)

Yellow (0%)

Black (3%)



Cyan (86%)

Magenta (57%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280577528 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 4280577528 by changing the saturation by 10% instead.



 4280577528

 4280577528

4294967295

 4278212059

 4286095615

 4278206398

 4288265215

 4278200995

 4290369279

 4278196616

 4292473599

 4278190189

 4294574079

 4278192980

 4278191676

 4278190629

 4278190349

■ 4280577528

■ 4280577528

■ 4278935032

■ 4282220024

■ 4278212088

■ 4283862776

■ 4285439736

■ 4287082232

■ 4288724728

■ 4290367480

■ 4292009976

■ 4293586936

■ 4294967288

# Harmonies

## Analogous

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



4278224383



4280577528



4289873357

# Triad

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



4280577528



4291774720



4278227295

# Complementary

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



4280577528



4294487844

# 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.



4278225929



4280577528



4288703488

# Square

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



4280577528



4293463625



4284580096



4278227878

# Rectangle

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



4280577528



4292353444



4284580096



4278227015



# Sweetspot

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



4280577528



4290630911



4280613038



4283983488



4278190080



4286611584



# Same Dimension

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



4280577528



4278212863



4282655992



4285560189



4278206909



4278195517



# Inverse Universe

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



4294452333



4294901848



4292409380



4286410869



4290576449



4282187797



# Previews

## White Background



This preview shows how the Android color 4280577528 looks on a white background.

## Color Contrast Check

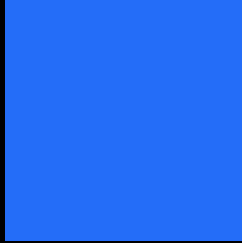
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280577528 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

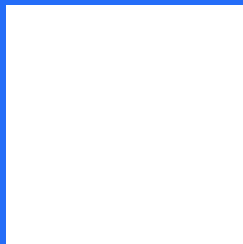
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280577528 Background



This preview shows how black text looks on a background with the Android color 4280577528.



This preview shows how white text looks on a background with the Android color 4280577528.

# 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**  
4280577528

**Protanopia**  
4278219247

**Deuteranopia**  
4278221006



# Trichromacy



**Original Color**  
4280577528

**Protanomaly**  
4279070962

**Deuteranomaly**  
4279071965

**Tritanomaly**  
4279073458

# Monochromacy



**Original Color**  
4280577528

**Achromatopsia**  
4284966759

**Achromatomaly**  
4283394460

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280577528 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(36, 109, 248)` looks like.

```
.text, #text, p{  
    color:rgb(36, 109, 248)  
}
```

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(36, 109, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 109, 248) }
```

## Border

The CSS property to change the border of an element to Android 4280577528 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(36, 109, 248) }
```

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

```
.border{ border-color:rgb(36, 109, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 109, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 109, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 109, 248);  
box-shadow:4px 4px 4px 4px rgb(36, 109,  
248) }
```

# Background

The CSS property to change the background color of an element to Android 4280577528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 109, 248) }
```

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

```
.background{ background-color: rgb(36, 109,  
248) }
```

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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