

# Converting Colors

Android(4280575702)

Have a look what the booklet for  
Android(4280575702) contains.

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# Color

**Android(4280575702)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2466D6
RGB	36, 102, 214
RGB Percent	14%, 40%, 84%
CMY	0.8588, 0.6000, 0.1608
CMYK	0.83, 0.52, 0.00, 0.16
HSL	218°, 71%, 49%
HSV	218°, 83%, 84%
XYZ	17.6165, 14.7328, 65.5336
YIQ	95.0340, -75.2880, 20.8400

# Conversions

## Conversions Part 2

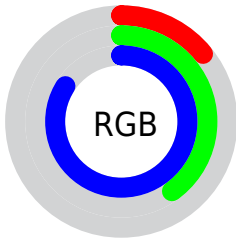
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 84, 214
Decimal	2385622
CIE <sub>Lab</sub>	45.27, 21.00, -63.23
CIE <sub>LCh</sub>	45, 66.627, 288.372
Yxy	14.7328, 0.1800, 0.1505
Android (android.graphics.Color)	4280575702 (0xFF2466D6)
<b>YUV</b>	95.0340, 58.6502, -51.7728
Hunter-Lab	38.3834, 14.7538, -74.3599

# Details

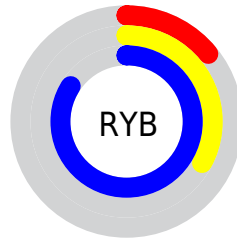
The Android color `4280575702` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4292252708`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4285569279`, and `4278204574` is the 20% darker color. If you saturate the color by 10%, you get `4279196118`, and if you desaturate by 10%, it is `4281955286`.

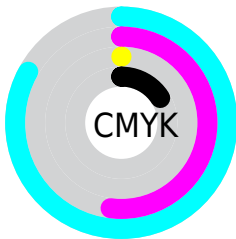
# Distribution



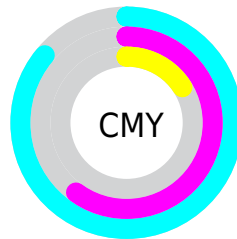
- Red (14%)
- Green (40%)
- Blue (84%)



- Red (14%)
- Yellow (33%)
- Blue (84%)



- Cyan (83%)
- Magenta (52%)
- Yellow (0%)
- Black (16%)



















- Cyan (86%)
- Magenta (60%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280575702 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 4280575702 by changing the saturation by 10% instead.



 4280575702	 4280575702
4294967295	 4278210490
 4285569279	 4278204574
 4287607807	 4278199427
 4289646335	 4278194794
 4291685119	 4278192720
 4293656575	 4278191417
	 4278190626
	 4278190088
	 4278190080

■ 4280575702

■ 4280575702

■ 4279196118

■ 4281955286

■ 4278210518

■ 4283400662

■ 4284780246

■ 4286225622

■ 4287605206

■ 4288985046

■ 4290430166

■ 4291810006

■ 4293255126

# Harmonies

## Analogous

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



4278221017



4280575702



4288039606

# Triad

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



4280575702



4290332181



4278223443

# Complementary

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



4280575702



4292252708

# 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.



4278287637



4280575702



4287914240

# Square

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



4280575702



4291504204



4284642048



4278223757

# Rectangle

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



4280575702



4290261909



4284642048



4278223167



# Sweetspot

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



4280575702



4290762751



4280604306



4284049280



4278190080



4286611584



# Same Dimension

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



4280575702



4278214655



4281935062



4284507243



4278206379



4278194219



# Inverse Universe

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



4292224102



4294901855



4290893348



4285227108



4289396799



4281008144



# Previews

## White Background



This preview shows how the Android color 4280575702 looks on a white background.

## Color Contrast Check

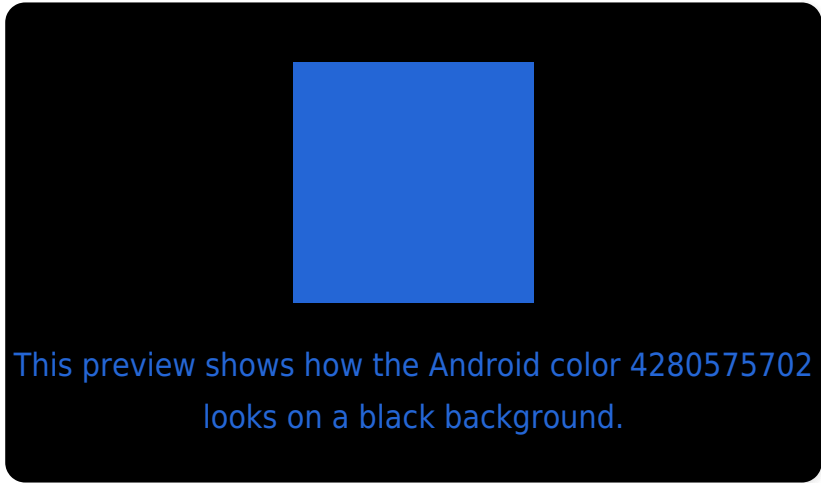
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 4280575702 Background



This preview shows how black text looks on a background with the Android color 4280575702.



This preview shows how white text looks on a background with the Android color 4280575702.

# 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**

4280575702

**Protanopia**

4279920599

**Deuteranopia**

4278218173

# Trichromacy



**Original Color**  
4280575702

**Protanomaly**  
4280182743

**Deuteranomaly**  
4279069382

# Monochromacy



**Original Color**  
4280575702

**Achromatopsia**  
4284440415

**Achromatomaly**  
4283064970

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280575702 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, 102, 214)` looks like.

```
.text, #text, p{  
    color:rgb(36, 102, 214)  
}
```

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, 102, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 102, 214) }
```

## Border

The CSS property to change the border of an element to Android 4280575702 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, 102, 214) }
```

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

```
.border{ border-color:rgb(36, 102, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 102, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 102, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 102, 214);  
box-shadow:4px 4px 4px 4px rgb(36, 102,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4280575702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 102, 214) }
```

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

```
.background{ background-color: rgb(36, 102,  
214) }
```

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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