

# Converting Colors

Android(4281037776)

Have a look what the booklet for  
Android(4281037776) contains.

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# Color

**Android(4281037776)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B73D0
RGB	43, 115, 208
RGB Percent	17%, 45%, 82%
CMY	0.8314, 0.5490, 0.1843
CMYK	0.79, 0.45, 0.00, 0.18
HSL	214°, 66%, 49%
HSV	214°, 79%, 82%
XYZ	18.5122, 17.3291, 62.0437
YIQ	104.0740, -72.7650, 13.6590

# Conversions

## Conversions Part 2

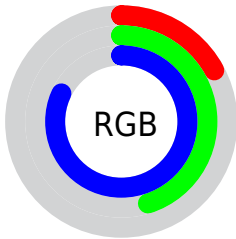
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 93, 208
Decimal	2847696
CIE <sub>Lab</sub>	48.67, 11.07, -54.31
CIE <sub>LCh</sub>	49, 55.423, 281.522
Yxy	17.3291, 0.1891, 0.1770
Android (android.graphics.Color)	4281037776 (0xFF2B73D0)
YUV	104.0740, 51.2355, -53.5619
Hunter-Lab	41.6283, 6.5298, -59.2273

# Details

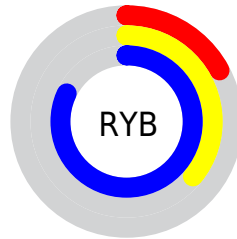
The Android color `4281037776` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4291856427`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4285703935`, and `4278207641` is the 20% darker color. If you saturate the color by 10%, you get `4279658448`, and if you desaturate by 10%, it is `4282417104`.

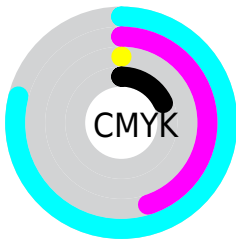
# Distribution



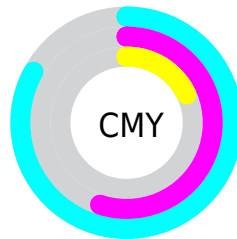
- Red (17%)
- Green (45%)
- Blue (82%)



- Red (17%)
- Yellow (36%)
- Blue (82%)



- Cyan (79%)
- Magenta (45%)
- Yellow (0%)
- Black (18%)



- Cyan (83%)
- Magenta (55%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281037776 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 4281037776 by changing the saturation by 10% instead.



 4281037776

 4281037776

4294967295

 4278213556

 4285703935


 4278207641

 4287676927

 4278202238

 4289715711

 4278197093

 4291689215

 4278191436

 4293656575

 4278191412

 4278190622

 4278190081

 4278190080

■ 4281037776

■ 4281037776

■ 4279658448

■ 4282417104

■ 4278279376

■ 4283796176

■ 4278213584

■ 4285109968

■ 4286489296

■ 4287868624

■ 4289247696

■ 4290627024

■ 4291940816

■ 4293320144

# Harmonies

## Analogous

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



4278223309



4281037776



4287455162

# Triad

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



4281037776



4290662967



4278224980

# Complementary

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



4281037776



4291856427

# 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.



4282745383



4281037776



4288833296

# Square

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



4281037776



4291314787



4286215936



4278225541

# Rectangle

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



4281037776



4289613985



4286215936



4278224452



# Sweetspot

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



4281037776



4290960895



4281061510



4284181376



4278190080



4286611584



# Same Dimension

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



4281037776



4279072511



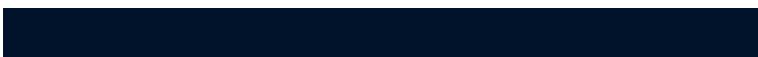
4281543632



4284375913



4278208936



4278194729



# Inverse Universe

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



4291832691



4294905206



4291350571



4285095523



4289200201

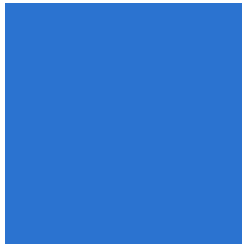


4280877074



# Previews

## White Background



This preview shows how the Android color 4281037776 looks on a white background.

## Color Contrast Check

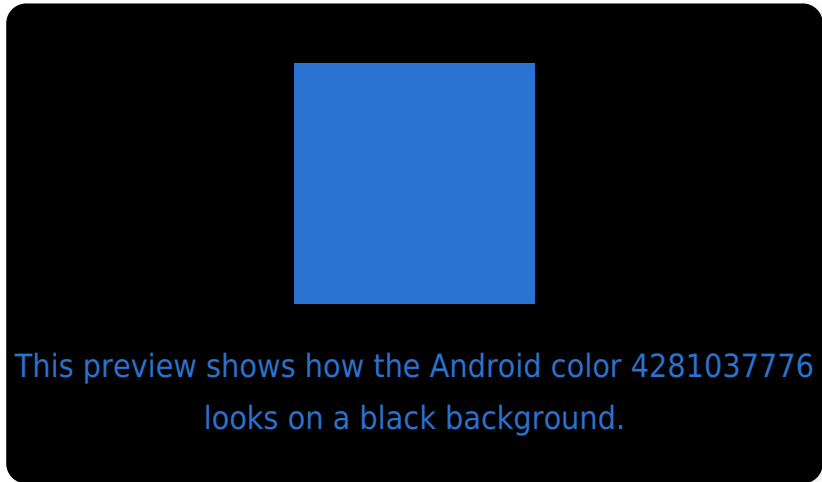
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281037776 Background



This preview shows how black text looks on a background with the Android color 4281037776.



This preview shows how white text looks on a background with the Android color 4281037776.

# 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**  
4281037776

**Protanomaly**  
4282216910

**Deuteranomaly**  
4279399632

**Tritanomaly**  
4279270307

# Monochromacy



**Original Color**  
4281037776

**Achromatopsia**  
4285032552

**Achromatomaly**  
4283591822

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281037776 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(43, 115, 208)` looks like.

```
.text, #text, p{  
    color:rgb(43, 115, 208)  
}
```

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(43, 115, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 115, 208) }
```

## Border

The CSS property to change the border of an element to Android 4281037776 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(43, 115, 208) }
```

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

```
.border{ border-color:rgb(43, 115, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 115, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 115, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 115, 208);  
box-shadow:4px 4px 4px 4px rgb(43, 115,  
208) }
```

# Background

The CSS property to change the background color of an element to Android 4281037776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 115, 208) }
```

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

```
.background{ background-color: rgb(43, 115,  
208) }
```

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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