

# Converting Colors

Android(4278930124)

Have a look what the booklet for  
Android(4278930124) contains.

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# Color

**Android(4278930124)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B4ACC
RGB	11, 74, 204
RGB Percent	4%, 29%, 80%
CMY	0.9569, 0.7098, 0.2000
CMYK	0.95, 0.64, 0.00, 0.20
HSL	220°, 90%, 42%
HSV	220°, 95%, 80%
XYZ	13.4859, 9.3283, 58.2165
YIQ	69.9830, -79.2780, 27.0740

# Conversions

## Conversions Part 2

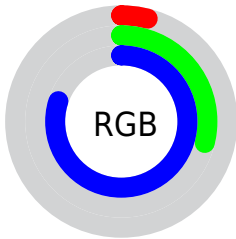
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 58, 204
Decimal	740044
CIELab	36.61, 34.02, -71.62
CIELCh	37, 79.293, 295.409
Yxy	9.3283, 0.1664, 0.1151
Android (android.graphics.Color)	4278930124 (0xFF0B4ACC)
YUV	69.9830, 66.0704, -51.7281
Hunter-Lab	30.5423, 25.3671, -91.6326

# Details

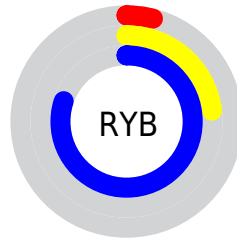
The Android color `4278930124` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed blue. A complement of this color would be `4291595531`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4284971775`, and `4278198420` is the 20% darker color. If you saturate the color by 10%, you get `4278207436`, and if you desaturate by 10%, it is `4280244428`.

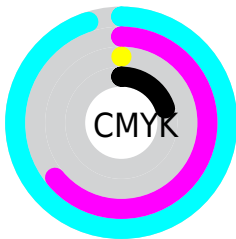
# Distribution



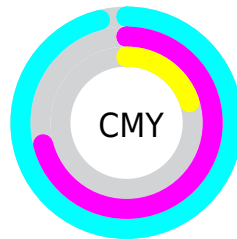
- Red (4%)
- Green (29%)
- Blue (80%)



- Red (4%)
- Yellow (23%)
- Blue (80%)



- Cyan (95%)
- Magenta (64%)
- Yellow (0%)
- Black (20%)



- Cyan (96%)
- Magenta (71%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278930124 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 4278930124 by changing the saturation by 10% instead.



 4278930124

 4278930124

4294967295

 4278203568

 4284971775


 4278198420

 4287075583

 4278194042

 4289113855

 4278190176

 4291152639

 4278192199

 4293191423

 4278191152

 4278190362

 4278190080

 4278930124

 4278930124

■ 4278207436

■ 4280244428

■ 4281624012

■ 4282938316

■ 4284318156

■ 4285632460

■ 4286946508

■ 4288326348

■ 4289640652

■ 4291020492

# Harmonies

## Analogous

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



4278215640



4278930124



4287959456

# Triad

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



4278930124



4288687616



4278218314

# Complementary

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



4278930124



4291595531

# 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.



4278217216



4278930124



4285681920

# Square

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



4278930124



4290445349



4281557504



4278218636

# Rectangle

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



4278930124



4289921144



4281557504



4278218035



# Sweetspot

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



4278930124



4290301951



4278963340



4283720320



4278190080



4286611584



# Same Dimension

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



4278930124



4278211583



4281011148



4284243814



4278204070



4278193190



# Inverse Universe

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



4291562314



4294901843



4289514507



4284898399



4289069110



4280680460



# Previews

## White Background



This preview shows how the Android color 4278930124 looks on a white background.

## Color Contrast Check

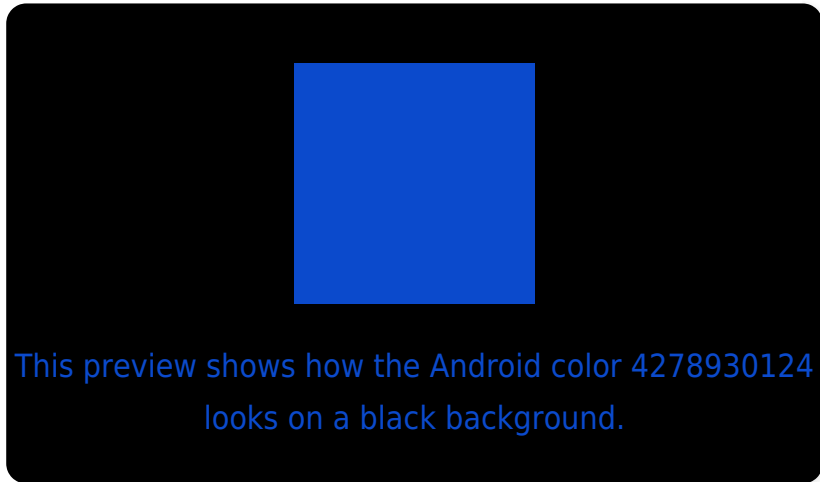
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278930124 Background



This preview shows how black text looks on a background with the Android color 4278930124.



This preview shows how white text looks on a background with the Android color 4278930124.

# 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**

4278930124

**Deuteranomaly**

4278473641

**Tritanomaly**

4278474634

# Monochromacy



**Original Color**

4278930124

**Achromatopsia**

4282795590

**Achromatomaly**

4281419639

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278930124 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(11, 74, 204)` looks like.

```
.text, #text, p{  
    color:rgb(11, 74, 204)  
}
```

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(11, 74, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 74, 204) }
```

## Border

The CSS property to change the border of an element to Android 4278930124 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(11, 74, 204) }
```

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

```
.border{ border-color:rgb(11, 74, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 74, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 74, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 74, 204);  
box-shadow:4px 4px 4px 4px rgb(11, 74,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4278930124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 74, 204) }
```

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

```
.background{ background-color: rgb(11, 74,  
204) }
```

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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