

# Converting Colors

Android(4281930722)

Have a look what the booklet for  
Android(4281930722) contains.

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# Color

**Android(4281930722)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3913E2
RGB	57, 19, 226
RGB Percent	22%, 7%, 89%
CMY	0.7765, 0.9255, 0.1137
CMYK	0.75, 0.92, 0.00, 0.11
HSL	251°, 84%, 48%
HSV	251°, 92%, 89%
XYZ	15.6477, 6.8266, 72.4444
YIQ	53.9600, -43.7990, 72.4330

# Conversions

## Conversions Part 2

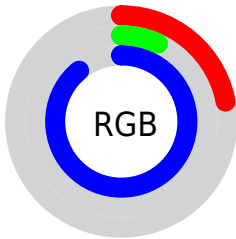
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 19, 226
Decimal	3740642
CIELab	31.41, 69.69, -92.86
CIELCh	31, 116.101, 306.886
Yxy	6.8266, 0.1649, 0.0719
Android (android.graphics.Color)	4281930722 (0xFF3913E2)
YUV	53.9600, 84.8157, 2.6661
Hunter-Lab	26.1277, 61.1786, -146.1041

# Details

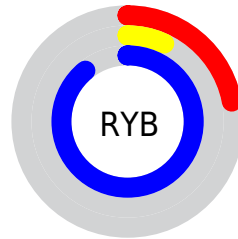
The Android color `4281930722` is a dark color, and the websafe version is hex `3300CC`. The color can be described as dark washed blue. A complement of this color would be `4290568723`, and the grayscale version is `4281677109`.

A 20% lighter version of the original color is `4286861055`, and `4278190249` is the 20% darker color. If you saturate the color by 10%, you get `4280877282`, and if you desaturate by 10%, it is `4283116258`.

# Distribution



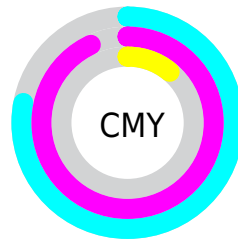
- Red (22%)
- Green (7%)
- Blue (89%)



- Red (22%)
- Yellow (7%)
- Blue (89%)



- Cyan (75%)
- Magenta (92%)
- Yellow (0%)
- Black (11%)




- Cyan (78%)
- Magenta (93%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281930722 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 4281930722 by changing the saturation by 10% instead.



 4281930722

 4281930722

4294967295

 4278190277

 4286861055

 4278190249

 4288964863

 4278190221

 4291068927

 4278190195

 4293173247

 4278193497

 4294949887

 4278191936

 4294957311

 4278190889

 4294964735

 4278190355

 4278190080

■ 4281930722

■ 4281930722

■ 4280877282

■ 4283116258

■ 4284367074

■ 4285552610

■ 4286803426

■ 4287988962

■ 4289240034

■ 4290425314

■ 4291676386

■ 4292861666

# Harmonies

## Analogous

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



4278212607



4281930722



4290445460

# Triad

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



4281930722



4287634944



4278215774

# Complementary

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



4281930722



4290568723

# 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.



4278215168



4281930722



4282928640

# Square

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



4281930722



4290904064



4278213888



4278216889

# Rectangle

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



4281930722



4292083800



4278213888



4278215486



# Sweetspot

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



4281930722



4291279615



4279483618



4284372864



4278190080



4286611584



# Same Dimension

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



4281930722



4281270527



4288680930



4284966256



4280287408



4278779952



# Inverse Universe

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



4293006268



4294901968



4283818515



4285556078



4289724560

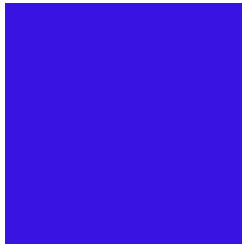


4281335848



# Previews

## White Background



This preview shows how the Android color 4281930722 looks on a white background.

## Color Contrast Check

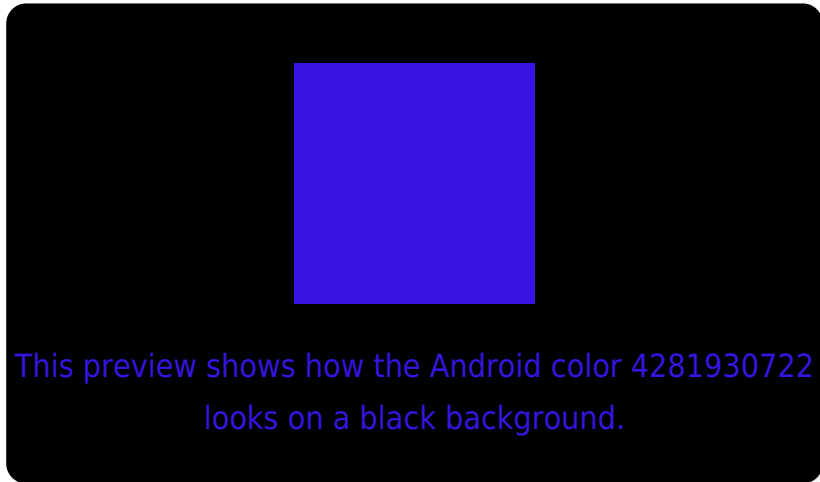
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281930722 Background



This preview shows how black text looks on a background with the Android color 4281930722.



This preview shows how white text looks on a background with the Android color 4281930722.

# 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**

4281930722

**Protanopia**

4278208406

**Deuteranopia**

4278209663



# Trichromacy



**Original Color**  
4281930722

**Protanomaly**  
4279579826

**Deuteranomaly**  
4279580579

**Tritanomaly**  
4279581578

# Monochromacy



**Original Color**  
4281930722

**Achromatopsia**  
4281742902

**Achromatomaly**  
4281805173

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281930722 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(57, 19, 226)` looks like.

```
.text, #text, p{  
    color:rgb(57, 19, 226)  
}
```

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(57, 19, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 19, 226) }
```

## Border

The CSS property to change the border of an element to Android 4281930722 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(57, 19, 226) }
```

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

```
.border{ border-color:rgb(57, 19, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 19, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 19, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 19, 226);  
box-shadow:4px 4px 4px 4px rgb(57, 19,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4281930722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 19, 226) }
```

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

```
.background{ background-color: rgb(57, 19,  
226) }
```

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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