

# Converting Colors

Android(4280370294)

Have a look what the booklet for  
Android(4280370294) contains.

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# Color

**Android(4280370294)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	214476
RGB	33, 68, 118
RGB Percent	13%, 27%, 46%
CMY	0.8706, 0.7333, 0.5373
CMYK	0.72, 0.42, 0.00, 0.54
HSL	215°, 56%, 30%
HSV	215°, 72%, 46%
XYZ	5.9643, 5.7656, 17.9381
YIQ	63.2350, -36.9100, 8.1300

# Conversions

## Conversions Part 2

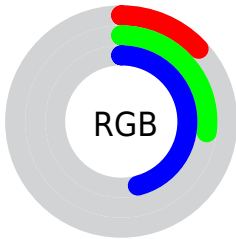
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 58, 118
Decimal	2180214
CIE <sub>Lab</sub>	28.81, 5.53, -32.38
CIE <sub>LCh</sub>	29, 32.845, 279.694
Yxy	5.7656, 0.2010, 0.1943
Android (android.graphics.Color)	4280370294 (0xFF214476)
YUV	63.2350, 26.9991, -26.5161
Hunter-Lab	24.0116, 2.3179, -27.4849

# Details

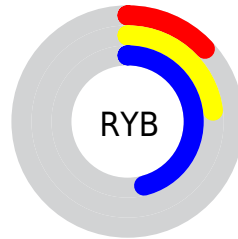
The Android color `4280370294` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4285944609`, and the grayscale version is `4282335039`.

A 20% lighter version of the original color is `4283987115`, and `4278196805` is the 20% darker color. If you saturate the color by 10%, you get `4279582070`, and if you desaturate by 10%, it is `4281158518`.

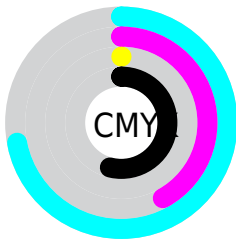
# Distribution



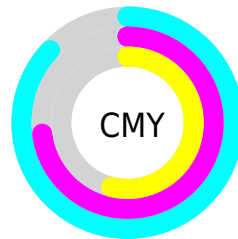
- Red (13%)
- Green (27%)
- Blue (46%)



- Red (13%)
- Yellow (23%)
- Blue (46%)



- Cyan (72%)
- Magenta (42%)
- Yellow (0%)
- Black (54%)



- Cyan (87%)
- Magenta (73%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280370294 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 4280370294 by changing the saturation by 10% instead.



■ 4280370294

■ 4280370294

4294967295

■ 4278201949

■ 4283987115

■ 4278196805

■ 4285763014

■ 4278190895

■ 4287539170

■ 4278190361

■ 4289381375

■ 4278190080

■ 4291223295

■ 4293131263

■ 4280370294

■ 4280370294

■ 4279582070

■ 4281158518

■ 4278793846

■ 4281946742

■ 4278202742

■ 4282669430

■ 4283457654

■ 4284245878

■ 4285034102

■ 4285822326

■ 4286545014

■ 4287332982

# Harmonies

## Analogous

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



4278209395



4280370294



4283447915

# Triad

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



4280370294



4285411877



4278210353

# Complementary

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



4280370294



4285944609

# 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.



4281224218



4280370294



4284431379

# Square

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



4280370294



4285672765



4283057421



4278210636

# Rectangle

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



4280370294



4284625758



4283057421



4279455273



# Sweetspot

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



4280370294



4286023065



4280383059



4281942349



4291611852



4283256141



# Same Dimension

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



4280370294



4279585945



4280820086



4281677627



4278203002



4278216698



# Inverse Universe

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



4285931844



4288222540



4285494817



4282070327



4286185522



4294574183



# Previews

## White Background



This preview shows how the Android color 4280370294 looks on a white background.

### Color Contrast Check

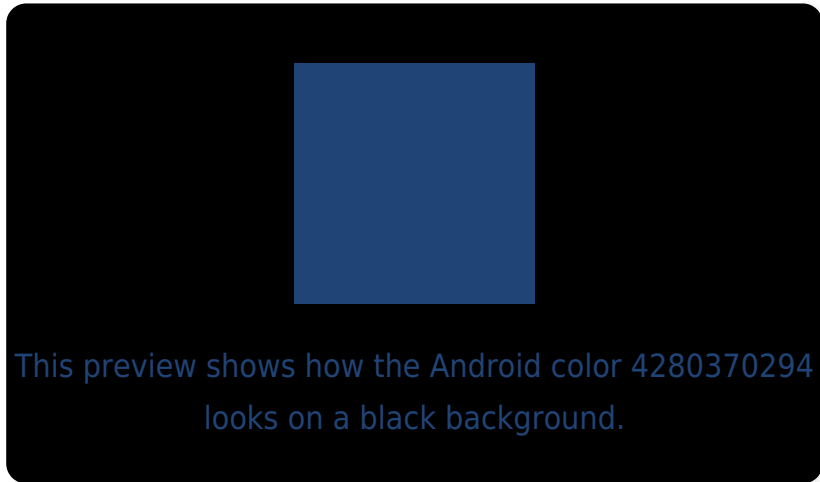
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280370294 Background



This preview shows how black text looks on a background with the Android color 4280370294.



This preview shows how white text looks on a background with the Android color 4280370294.

# 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**

4280370294

**Protanopia**

4281221748

**Deuteranopia**

4280042870



# Trichromacy



**Original Color**

4280370294

**Protanomaly**

4280894325

**Deuteranomaly**

4280173942

**Tritanomaly**

4278995038

# Monochromacy



**Original Color**

4280370294

**Achromatopsia**

4282335039

**Achromatomaly**

4281614675

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280370294 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(33, 68, 118)` looks like.

```
.text, #text, p{  
    color:rgb(33, 68, 118)  
}
```

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(33, 68, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 68, 118) }
```

## Border

The CSS property to change the border of an element to Android 4280370294 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(33, 68, 118) }
```

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

```
.border{ border-color:rgb(33, 68, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 68, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 68, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 68, 118);  
box-shadow:4px 4px 4px 4px rgb(33, 68,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4280370294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 68, 118) }
```

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

```
.background{ background-color: rgb(33, 68,  
118) }
```

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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