

# Converting Colors

Android(4280824076)

Have a look what the booklet for  
Android(4280824076) contains.

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# Color

**Android(4280824076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28310C
RGB	40, 49, 12
RGB Percent	16%, 19%, 5%
CMY	0.8431, 0.8078, 0.9529
CMYK	0.18, 0.00, 0.76, 0.81
HSL	75°, 61%, 12%
HSV	75°, 76%, 19%
XYZ	2.0397, 2.6743, 0.7565
YIQ	42.0910, 6.5130, -13.4150

# Conversions

## Conversions Part 2

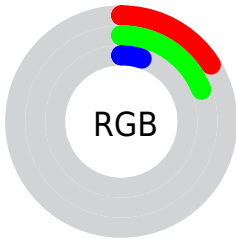
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 49, 21
Decimal	2633996
CIE <sub>Lab</sub>	18.69, -10.58, 21.40
CIE <sub>LCh</sub>	19, 23.872, 116.295
Yxy	2.6743, 0.3729, 0.4889
Android (android.graphics.Color)	4280824076 (0xFF28310C)
YUV	42.0910, -14.8349, -1.8338
Hunter-Lab	16.3532, -6.3538, 8.7045

# Details

The Android color **4280824076** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279569457**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4283850552**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280758535**, and if you desaturate by 10%, it is **4280889617**.

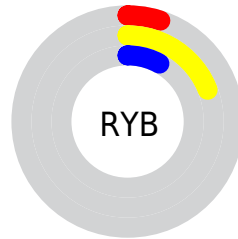
# Distribution



Red (16%)

Green (19%)

Blue (5%)



Red (5%)

Yellow (19%)

Blue (8%)

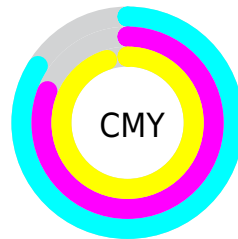


Cyan (18%)

Magenta (0%)

Yellow (76%)

Black (81%)



Cyan (84%)

Magenta (81%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280824076 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 4280824076 by changing the saturation by 10% instead.





4280824076



4280824076



4294967278



4279442432



4283850552



4278190080



4285495375



4287205991



4288916609



4290758555



4292600758



4294442961



4280824076



4280824076

■ 4280758535

■ 4280889617

■ 4280692994

■ 4280955158

■ 4280627456

■ 4281086235

■ 4281151776

■ 4281217317

■ 4281282857

■ 4281348398

■ 4281479475

■ 4281545016

# Harmonies

## Analogous

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



4281936903



4280824076



4279317529

# Triad

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



4280824076



4278203466



4283178544

# Complementary

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



4280824076



4279569457

# 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.



4282458945



4280824076



4278202448

# Square

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



4280824076



4278203964



4281018957



4283244319

# Rectangle

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



4280824076



4278203685



4281018957



4282982198



# Sweetspot

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



4280824076



4282138673



4281406732



4280230168



4288782753



4280361249



# Same Dimension

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



4280824076



4281483270



4279644428



4279835159



4282669312



4288993536



# Inverse Universe

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



4279569457



4279502400



4280749105



4279768858



4279631961

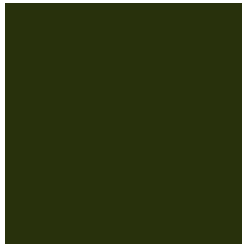


4281663705



# Previews

## White Background



This preview shows how the Android color 4280824076 looks on a white background.

## Color Contrast Check

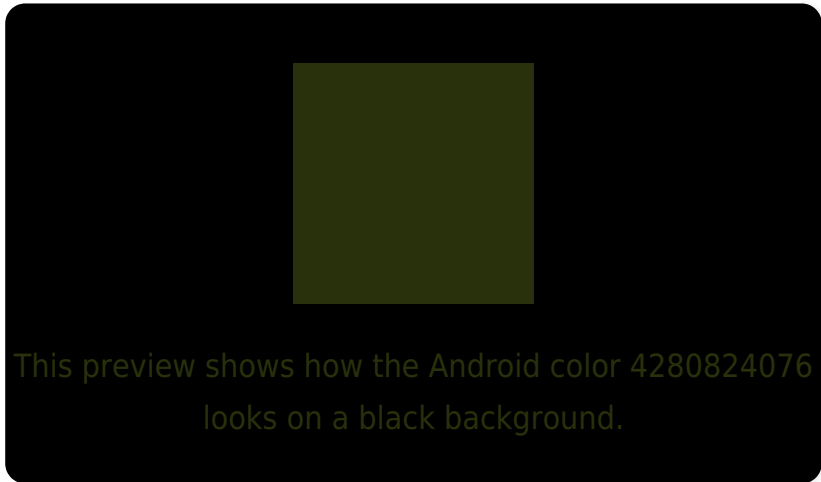
Large Text (above 18pt) WCAG AA ✓ Pass

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

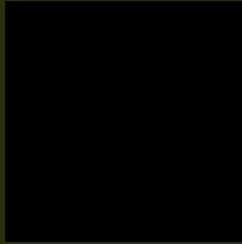
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

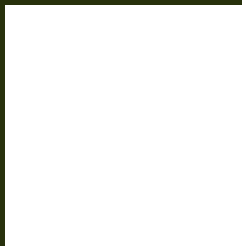
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280824076 Background



This preview shows how black text looks on a background with the Android color 4280824076.



This preview shows how white text looks on a background with the Android color 4280824076.

# 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**  
4280824076

**Protanopia**  
4281544203

**Deuteranopia**  
4281936654



# Trichromacy



**Original Color**

4280824076

**Protanomaly**

4281282315

**Deuteranomaly**

4281543949

**Tritanomaly**

4281020196

# Monochromacy



**Original Color**

4280824076

**Achromatopsia**

4280953386

**Achromatomaly**

4280888607

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280824076 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(40, 49, 12)` looks like.

```
.text, #text, p{  
    color:rgb(40, 49, 12)  
}
```

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(40, 49, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 49, 12) }
```

## Border

The CSS property to change the border of an element to Android 4280824076 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(40, 49, 12) }
```

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

```
.border{ border-color:rgb(40, 49, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 49, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 49, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 49, 12);  
box-shadow:4px 4px 4px 4px rgb(40, 49, 12)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280824076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 49, 12) }
```

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

```
.background{ background-color: rgb(40, 49,  
12) }
```

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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