

# Converting Colors

Android(4280107779)

Have a look what the booklet for  
Android(4280107779) contains.

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# Color

**Android(4280107779)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D4303
RGB	29, 67, 3
RGB Percent	11%, 26%, 1%
CMY	0.8863, 0.7373, 0.9882
CMYK	0.57, 0.00, 0.96, 0.74
HSL	96°, 91%, 14%
HSV	96°, 96%, 26%
XYZ	2.5303, 4.2821, 0.7793
YIQ	48.3420, -2.1040, -27.9600

# Conversions

## Conversions Part 2

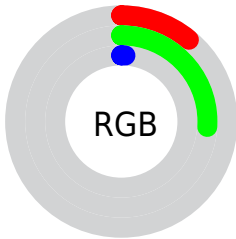
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 67, 41
Decimal	1917699
CIELab	24.58, -25.63, 31.24
CIELCh	25, 40.407, 129.369
Yxy	4.2821, 0.3333, 0.5640
Android (android.graphics.Color)	4280107779 (0xFF1D4303)
YUV	48.3420, -22.3536, -16.9629
Hunter-Lab	20.6932, -14.3869, 12.2524

# Details

The Android color **4280107779** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4280877891**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4283331635**, and **4278196480** is the 20% darker color. If you saturate the color by 10%, you get **4279976704**, and if you desaturate by 10%, it is **4280369930**.

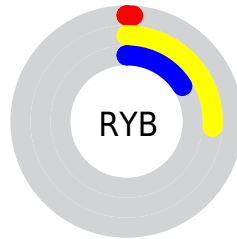
# Distribution



Red (11%)

Green (26%)

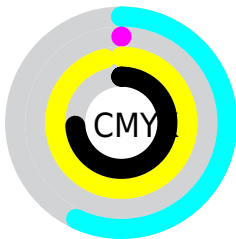
Blue (1%)



Red (1%)

Yellow (26%)

Blue (16%)

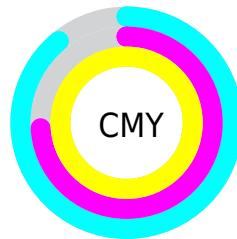


Cyan (57%)

Magenta (0%)

Yellow (96%)

Black (74%)



Cyan (89%)

Magenta (74%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280107779 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 4280107779 by changing the saturation by 10% instead.



 4280107779

 4280107779

 4294967274

 4278463488

 4283331635

 4278196480

 4284976459

 4278190080

 4286687331

 4288463741

 4290240407

 4292082866

 4293984206

 4280107779

 4280107779

■ 4279976704

■ 4280369930

■ 4280632080

■ 4280894231

■ 4281156382

■ 4281418533

■ 4281680683

■ 4281942834

■ 4282204985

■ 4282467135

# Harmonies

## Analogous

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



4282399744



4280107779



4278208292

# Triad

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



4280107779



4278207348



4285536050

# Complementary

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



4280107779



4280877891

# 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.



4284816976



4280107779



4278205303

# Square

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



4280107779



4278208352



4282854762



4285145621

# Rectangle

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



4280107779



4278208569



4282854762



4285404988



# Sweetspot

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



4280107779



4282931006



4282591235



4280429340



4289440683



4281019179



# Same Dimension

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



4280107779



4280506112



4278403848



4280230174



4280770816



4284211200



# Inverse Universe

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



4280877891



4281532503



4282581822



4280294945



4281991265

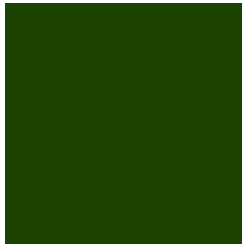


4286906592



# Previews

## White Background



This preview shows how the Android color 4280107779 looks on a white background.

## Color Contrast Check

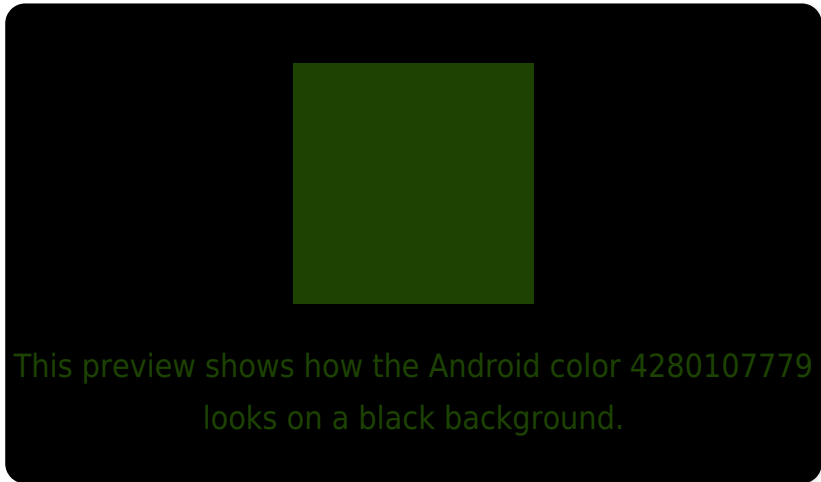
Large Text (above 18pt) WCAG AA ✓ Pass

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

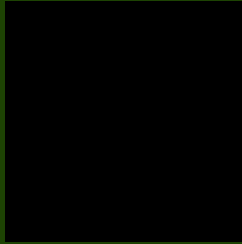
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280107779 Background



This preview shows how black text looks on a background with the Android color 4280107779.



This preview shows how white text looks on a background with the Android color 4280107779.

# 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**  
4280107779

**Protanopia**  
4282530560

**Deuteranopia**  
4283053838



# Trichromacy



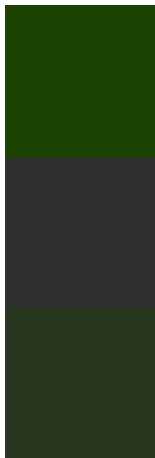
**Original Color**  
4280107779

**Protanomaly**  
4281679361

**Deuteranomaly**  
4282006282

**Tritanomaly**  
4280500268

# Monochromacy



**Original Color**  
4280107779

**Achromatopsia**  
4281348144

**Achromatomaly**  
4280891168

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280107779 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(29, 67, 3)` looks like.

```
.text, #text, p{  
    color:rgb(29, 67, 3)  
}
```

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(29, 67, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 67, 3) }
```

## Border

The CSS property to change the border of an element to Android 4280107779 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(29, 67, 3) }
```

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

```
.border{ border-color:rgb(29, 67, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 67, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 67, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 67, 3); box-shadow:4px  
4px 4px 4px rgb(29, 67, 3) }
```

# Background

The CSS property to change the background color of an element to Android 4280107779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 67, 3) }
```

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

```
.background{ background-color: rgb(29, 67,  
3) }
```

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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