

# Converting Colors

Android(4280779776)

Have a look what the booklet for  
Android(4280779776) contains.

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# Color

**Android(4280779776)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	278400
RGB	39, 132, 0
RGB Percent	15%, 52%, 0%
CMY	0.8471, 0.4824, 1.0000
CMYK	0.70, 0.00, 1.00, 0.48
HSL	102°, 100%, 26%
HSV	102°, 100%, 52%
XYZ	9.0880, 16.9339, 2.7896
YIQ	89.1450, -13.0560, -60.7680

# Conversions

## Conversions Part 2

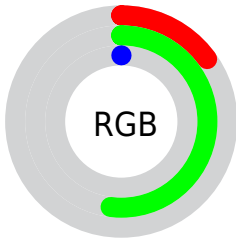
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 132, 93
Decimal	2589696
CIELab	48.18, -47.99, 51.69
CIELCh	48, 70.530, 132.872
Yxy	16.9339, 0.3154, 0.5877
Android (android.graphics.Color)	4280779776 (0xFF278400)
YUV	89.1450, -43.9485, -43.9772
Hunter-Lab	41.1508, -32.5929, 24.7863

# Details

The Android color `4280779776` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4284285060`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284791361`, and `4278210816` is the 20% darker color. If you saturate the color by 10%, you get `4280779776`, and if you desaturate by 10%, it is `4281369613`.

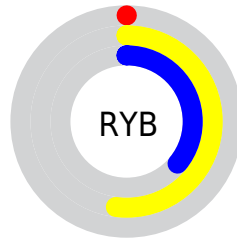
# Distribution



Red (15%)

Green (52%)

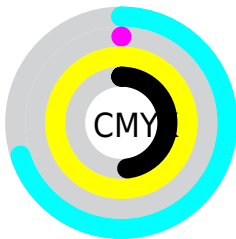
Blue (0%)



Red (0%)

Yellow (52%)

Blue (36%)

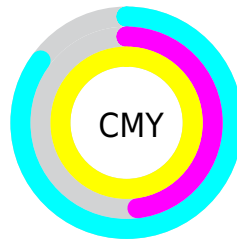


Cyan (70%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (85%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280779776 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 4280779776 by changing the saturation by 10% instead.



 4280779776

 4280779776

4294967295

 4278217216

 4284791361

 4278210816

 4286633563

 4278204672

 4288476022

 4278199040

 4290379665

 4278190080

 4292280236

 4294246345

 4294967269

 4280779776

 4281369613

 4282024986

 4282614824

 4283204661

 4283860034

 4284449871

 4285039708

 4285629546

 4286284919

# Harmonies

## Analogous

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



4285757440



4280779776



4278225485

# Triad

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



4280779776



4278223845



4292421212

# Complementary

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



4280779776



4284285060

# 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.



4291441047



4280779776



4278219240

# Square

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



4280779776



4278225859



4287845835



4291511330

# Rectangle

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



4280779776



4278226039



4287845835



4292354927



# Sweetspot

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



4280779776



4287081336



4286864384



4282472247



4292269782



4283914071



# Same Dimension

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



4280779776



4281510656



4278223898



4282270268



4280713728



4278256384



# Inverse Universe

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



4284285060



4286054571



4286840938



4282399810



4284219522

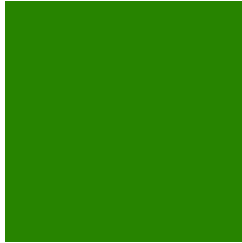


4278321155



# Previews

## White Background



This preview shows how the Android color 4280779776 looks on a white background.

## Color Contrast Check

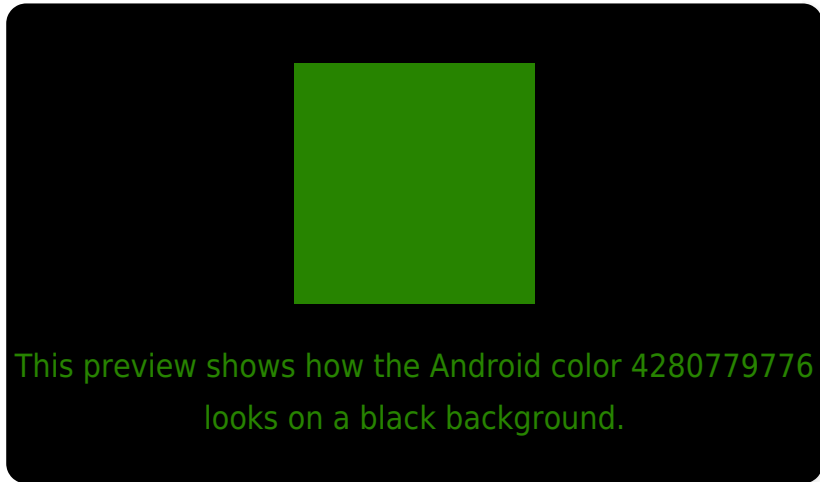
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4280779776 Background



This preview shows how black text looks on a background with the Android color 4280779776.



This preview shows how white text looks on a background with the Android color 4280779776.

# 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**  
4280779776

**Protanopia**  
4286607872

**Deuteranopia**  
4287589404



# Trichromacy



**Original Color**  
4280779776

**Protanomaly**  
4284512512

**Deuteranomaly**  
4285101330

**Tritanomaly**  
4281892437

# Monochromacy



**Original Color**  
4280779776

**Achromatopsia**  
4284045657

**Achromatomaly**  
4282870073

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280779776 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(39, 132, 0)` looks like.

```
.text, #text, p{  
    color:rgb(39, 132, 0)  
}
```

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(39, 132, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 132, 0) }
```

## Border

The CSS property to change the border of an element to Android 4280779776 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(39, 132, 0) }
```

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

```
.border{ border-color:rgb(39, 132, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 132, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 132, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 132, 0);  
box-shadow:4px 4px 4px 4px rgb(39, 132, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280779776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 132, 0) }
```

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

```
.background{ background-color: rgb(39, 132,  
0) }
```

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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