

# Converting Colors

Android(4280599552)

Have a look what the booklet for  
Android(4280599552) contains.

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# **Color**

**Android(4280599552)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24C400
RGB	36, 196, 0
RGB Percent	14%, 77%, 0%
CMY	0.8588, 0.2314, 1.0000
CMYK	0.82, 0.00, 1.00, 0.23
HSL	109°, 100%, 38%
HSV	109°, 100%, 77%
XYZ	20.4675, 39.8549, 6.6140
YIQ	125.8160, -32.4440, -94.8760

# Conversions

## Conversions Part 2

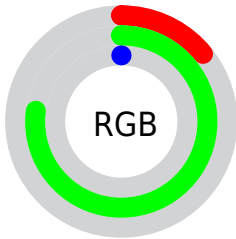
Format	Color
<a href="#">RYB</a>	<a href="#">0, 196, 160</a>
Decimal	<a href="#">2409472</a>
CIELab	<a href="#">69.37, -68.26, 68.56</a>
CIELCh	<a href="#">69, 96.751, 134.874</a>
Yxy	<a href="#">39.8549, 0.3058, 0.5954</a>
Android (android.graphics.Color)	<a href="#">4280599552</a> ( <a href="#">0xFF24C400</a> )
YUV	<a href="#">125.8160, -62.0273, -78.7686</a>
Hunter-Lab	<a href="#">63.1308, -52.6077, 37.9799</a>

# Details

The Android color `4280599552` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4288676036`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4285660752`, and `4278226176` is the 20% darker color. If you saturate the color by 10%, you get `4280599552`, and if you desaturate by 10%, it is `4281648148`.

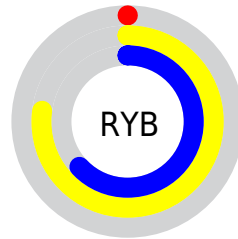
# Distribution



Red (14%)

Green (77%)

Blue (0%)



Red (0%)

Yellow (77%)

Blue (63%)

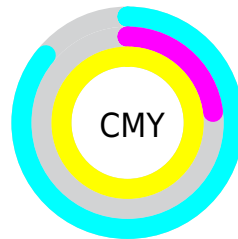


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (86%)

Magenta (23%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280599552 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 4280599552 by changing the saturation by 10% instead.



 4280599552

 4280599552

4294967295

 4278233088

 4285660752

 4278226176

 4287758188

 4278219264

 4289789833

 4278212608

 4291821477

 4278206208

 4293853122


 4278199808

 4294967263

 4278190080

 4294967293

 4280599552

 4281648148

 4282696743

 4283745339

 4284793934

 4285842530

 4286891126

 4287939721

 4288988317

 4290036912

# Harmonies

## Analogous

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



4288983808



4280599552



4278242424

# Triad

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



4280599552



4278239487



4294915202

# Complementary

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



4280599552



4288676036

# 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.



4294918618



4280599552



4278232831

# Square

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



4280599552



4278242559



4292966911



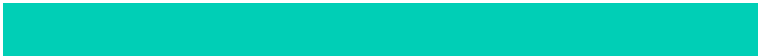
4294928427

# Rectangle

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



4280599552



4278243254



4292966911



4294913183

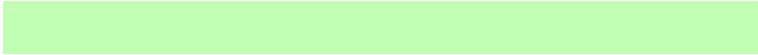


# Sweetspot

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



4280599552



4290903987



4291075328



4284121170



4278190080



4286611584



# Same Dimension

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



4280599552



4281335552



4278240315



4284047703



4280197376



4278591744



# Inverse Universe

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



4288676036



4291821823



4291035273



4284438369



4286775457

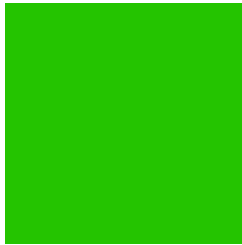


4279959585



# Previews

## White Background



This preview shows how the Android color 4280599552 looks on a white background.

## Color Contrast Check

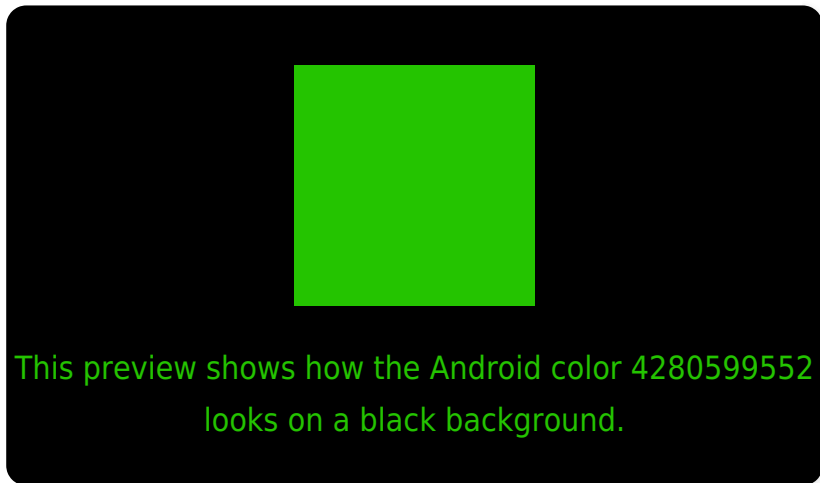
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4280599552 Background



This preview shows how black text looks on a background with the Android color 4280599552.



This preview shows how white text looks on a background with the Android color 4280599552.

# 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



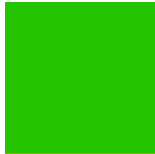
**Original Color**  
4280599552

**Protanopia**  
4290619392

**Deuteranopia**  
4292058922



# Trichromacy



**Original Color**

4280599552



**Protanomaly**

4286951936



**Deuteranomaly**

4287867931



**Tritanomaly**

4282760061

# Monochromacy



**Original Color**

4280599552



**Achromatopsia**

4286479998



**Achromatomaly**

4284323664

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280599552 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(36, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(36, 196, 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(36, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 196, 0) }
```

## Border

The CSS property to change the border of an element to Android 4280599552 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(36, 196, 0) }
```

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

```
.border{ border-color:rgb(36, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(36, 196, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280599552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 196, 0) }
```

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

```
.background{ background-color: rgb(36, 196,  
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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