

# Converting Colors

Android(4279840768)

Have a look what the booklet for  
Android(4279840768) contains.

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# Color

**Android(4279840768)**

# Conversions

## Conversions Part 1

Format	Color
Hex	193000
RGB	25, 48, 0
RGB Percent	10%, 19%, 0%
CMY	0.9020, 0.8118, 1.0000
CMYK	0.48, 0.00, 1.00, 0.81
HSL	89°, 100%, 9%
HSV	89°, 100%, 19%
XYZ	1.4579, 2.3206, 0.3711
YIQ	35.6510, 1.7000, -19.8040

# Conversions

## Conversions Part 2

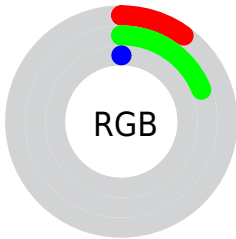
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 23
Decimal	1650688
CIELab	17.09, -18.39, 24.15
CIELCh	17, 30.354, 127.279
Yxy	2.3206, 0.3513, 0.5592
Android (android.graphics.Color)	4279840768 (0xFF193000)
YUV	35.6510, -17.5759, -9.3409
Hunter-Lab	15.2334, -9.5759, 9.2191

# Details

The Android color **4279840768** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4279697456**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4282801711**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279840768**, and if you desaturate by 10%, it is **4279971845**.

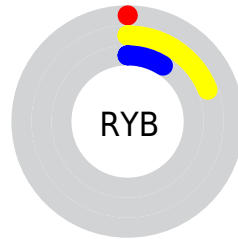
# Distribution



Red (10%)

Green (19%)

Blue (0%)



Red (0%)

Yellow (19%)

Blue (9%)

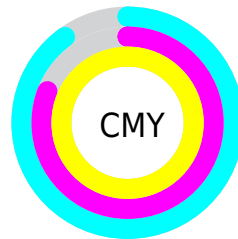


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (81%)



Cyan (90%)

Magenta (81%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279840768 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 4279840768 by changing the saturation by 10% instead.



 4279840768

 4279840768

 4294967267

 4278197248

 4282801711

 4278190080

 4284446534

 4286091614

 4287802487

 4289578897

 4291355564

 4293263303

 4279840768

■ 4279971845

■ 4280168458

■ 4280299534

■ 4280430611

■ 4280627224

■ 4280758301

■ 4280889378

■ 4281020454

■ 4281217067

# Harmonies

## Analogous

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



4281412352



4279840768



4278203160

# Triad

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



4279840768



4278202706



4283437862

# Complementary

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



4279840768



4279697456

# 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.



4282914619



4279840768



4278201173

# Square

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



4279840768



4278203204



4281410125



4283242769

# Rectangle

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



4279840768



4278203431



4281410125



4283372333



# Sweetspot

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



4279840768



4281613611



4281341440



4279836436



4288585374



4280229663



# Same Dimension

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



4279840768



4280302848



4278333440



4279637781



4281161472



4285584896



# Inverse Universe

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



4279697456



4280090685



4281204784



4279637271



4280942679

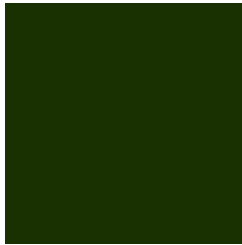


4284940502



# Previews

## White Background



This preview shows how the Android color 4279840768 looks on a white background.

## Color Contrast Check

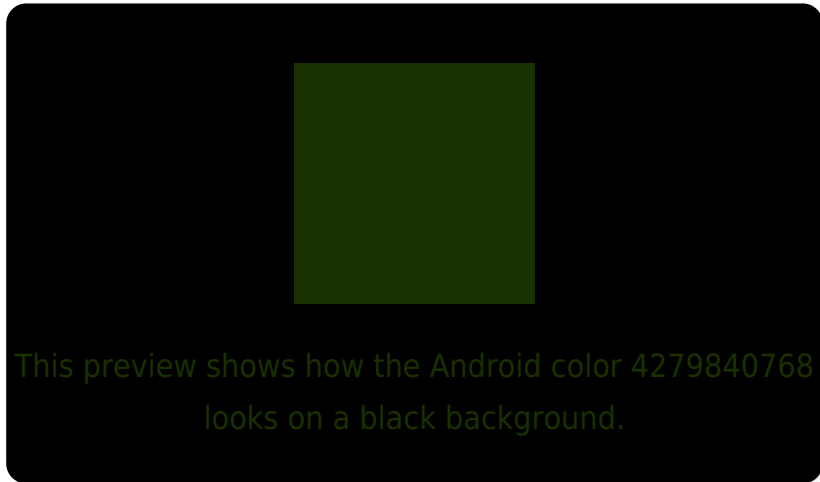
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279840768 Background



This preview shows how black text looks on a background with the Android color 4279840768.



This preview shows how white text looks on a background with the Android color 4279840768.

# 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**  
4279840768

**Protanopia**  
4281346560

**Deuteranopia**  
4281673738



# Trichromacy



**Original Color**

4279840768

**Protanomaly**

4280822784

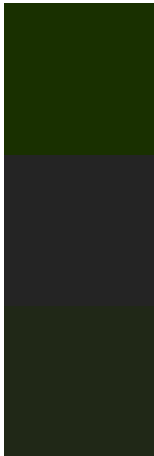
**Deuteranomaly**

4281019142

**Tritanomaly**

4280102431

# Monochromacy



**Original Color**

4279840768

**Achromatopsia**

4280558628

**Achromatomaly**

4280297495

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279840768 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(25, 48, 0)` looks like.

```
.text, #text, p{  
    color:rgb(25, 48, 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(25, 48, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 48, 0) }
```

## Border

The CSS property to change the border of an element to Android 4279840768 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(25, 48, 0) }
```

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

```
.border{ border-color:rgb(25, 48, 0) }
```

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

Here you see how a box with a 4 pixel rgb(25, 48, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 48, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(25, 48, 0); box-shadow:4px  
4px 4px 4px rgb(25, 48, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4279840768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 48, 0) }
```

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

```
.background{ background-color: rgb(25, 48,  
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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