

# Converting Colors

Android(4279075396)

Have a look what the booklet for  
Android(4279075396) contains.

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# Color

**Android(4279075396)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D8244
RGB	13, 130, 68
RGB Percent	5%, 51%, 27%
CMY	0.9490, 0.4902, 0.7333
CMYK	0.90, 0.00, 0.48, 0.49
HSL	148°, 82%, 28%
HSV	148°, 90%, 51%
XYZ	9.1920, 16.4682, 8.1631
YIQ	87.9490, -49.8300, -44.0860

# Conversions

## Conversions Part 2

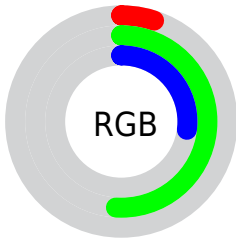
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 93, 130
Decimal	885316
CIELab	47.58, -44.56, 25.29
CIELCh	48, 51.236, 150.419
Yxy	16.4682, 0.2718, 0.4869
Android (android.graphics.Color)	4279075396 (0xFF0D8244)
YUV	87.9490, -9.8349, -65.7303
Hunter-Lab	40.5810, -30.5848, 16.4803

# Details

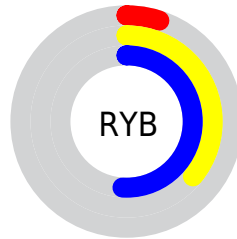
The Android color `4279075396` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4286713163`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4283676789`, and `4278210326` is the 20% darker color. If you saturate the color by 10%, you get `4278223421`, and if you desaturate by 10%, it is `4279927371`.

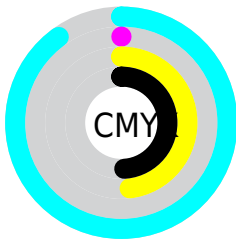
# Distribution



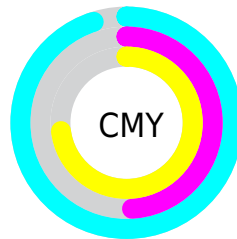
- Red (5%)
- Green (51%)
- Blue (27%)



- Red (5%)
- Yellow (36%)
- Blue (51%)



- Cyan (90%)
- Magenta (0%)
- Yellow (48%)
- Black (49%)



- Cyan (95%)
- Magenta (49%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279075396 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 4279075396 by changing the saturation by 10% instead.





4279075396



4279075396

4294967295



4278216749



4283676789



4278210326



4285518991



4278204160



4287426986



4278198784



4289265605



4278190080



4291166177



4293066750



4279075396



4279075396




4278223421



4279927371

 4280779346

 4281631321

 4282483296

 4283335270

 4284187245

 4285039220

 4285891195

 4286743170

# Harmonies

## Analogous

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



4284185374



4279075396



4278224240

# Triad

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



4279075396



4278220487



4290530632

# Complementary

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



4279075396



4286713163

# 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.



4290594674



4279075396



4285621692

# Square

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



4279075396



4278223036



4289024668



4289224228

# Rectangle

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



4279075396



4278224270



4289024668



4290660693



# Sweetspot

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



4279075396



4286294160



4283138573



4281947206



4292138196



4283716692



# Same Dimension

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



4279075396



4278233167



4279075454



4281942076



4278222908



4278190080



# Inverse Universe

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



4286713163



4289200217



4286713105



4282399037



4286578756



4278190080



# Previews

## White Background



This preview shows how the Android color 4279075396 looks on a white background.

## Color Contrast Check

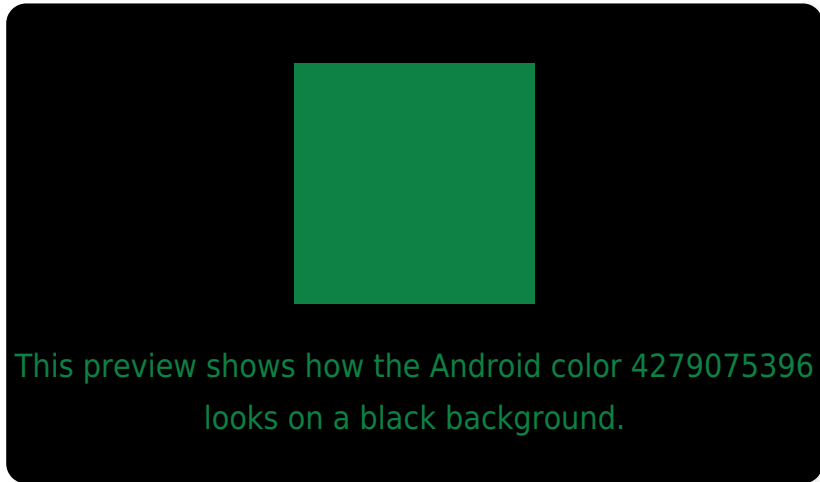
Large Text (above 18pt) WCAG AA ✓ Pass

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

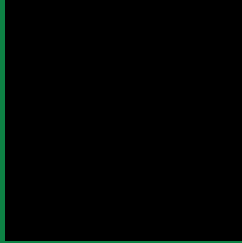
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279075396 Background



This preview shows how black text looks on a background with the Android color 4279075396.



This preview shows how white text looks on a background with the Android color 4279075396.

# 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**  
4279075396

**Protanopia**  
4286345278

**Deuteranopia**  
4287064906



# Trichromacy



**Original Color**

4279075396



**Protanomaly**

4283725632



**Deuteranomaly**

4284183368



**Tritanomaly**

4280647277

# Monochromacy



**Original Color**

4279075396



**Achromatopsia**

4283979864



**Achromatomaly**

4282214225

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279075396 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(13, 130, 68)` looks like.

```
.text, #text, p{  
    color:rgb(13, 130, 68)  
}
```

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(13, 130, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 130, 68) }
```

## Border

The CSS property to change the border of an element to Android 4279075396 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(13, 130, 68) }
```

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

```
.border{ border-color:rgb(13, 130, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 130, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 130, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 130, 68);  
box-shadow:4px 4px 4px 4px rgb(13, 130,  
68) }
```

# Background

The CSS property to change the background color of an element to Android 4279075396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 130, 68) }
```

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

```
.background{ background-color: rgb(13, 130,  
68) }
```

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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