

# Converting Colors

Android(4278196227)

Have a look what the booklet for  
Android(4278196227) contains.

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# Color

**Android(4278196227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	001803
RGB	0, 24, 3
RGB Percent	0%, 9%, 1%
CMY	1.0000, 0.9059, 0.9882
CMYK	1.00, 0.00, 0.88, 0.91
HSL	128°, 100%, 5%
HSV	128°, 100%, 9%
XYZ	0.3431, 0.6598, 0.1954
YIQ	14.4300, -7.5630, -11.6190

# Conversions

## Conversions Part 2

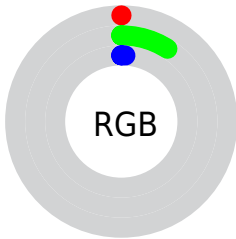
Format	Color
<a href="#">RYB</a>	<a href="#">0, 21, 24</a>
Decimal	<a href="#">6147</a>
CIELab	<a href="#">5.96, -11.64, 7.48</a>
CIELCh	<a href="#">6, 13.835, 147.265</a>
Yxy	<a href="#">0.6598, 0.2863, 0.5506</a>
Android (android.graphics.Color)	<a href="#">4278196227 (0xFF001803)</a>
YUV	<a href="#">14.4300, -5.6350, -12.6551</a>
Hunter-Lab	<a href="#">8.1231, -6.6766, 4.2597</a>

# Details

The Android color **4278196227** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279762965**, and the grayscale version is **4279111182**.

A 20% lighter version of the original color is **4281287218**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278196227**, and if you desaturate by 10%, it is **4278327301**.

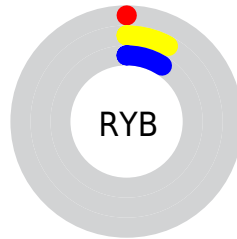
# Distribution



Red (0%)

Green (9%)

Blue (1%)



Red (0%)

Yellow (8%)

Blue (9%)

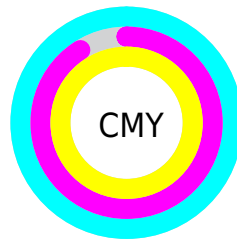


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (91%)



Cyan (100%)

Magenta (91%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278196227 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 4278196227 by changing the saturation by 10% instead.




 4278196227

 4278196227

 4293065445

 4278190080

 4281287218


 4282735176

 4284314208

 4285959289

 4287669907

 4289380781

 4291222984

 4278196227

■ 4278327301

■ 4278523911

■ 4278654985

■ 4278851595

■ 4278982670

■ 4279113744

■ 4279310354

■ 4279441428

■ 4279638038

# Harmonies

## Analogous

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



4279244288



4278196227



4278196498

# Triad

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



4278196227



4278260773



4280617735

# Complementary

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



4278196227



4279762965

# 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.



4280552213



4278196227



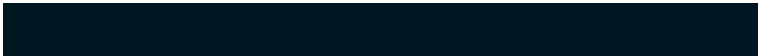
4279439652

# Square

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



4278196227



4278196002



4280159517



4280421888

# Rectangle

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



4278196227



4278196505



4280159517



4280617740



# Sweetspot

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



4278196227



4279574295



4279572480



4278849290



4287598479



4279176975



# Same Dimension

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



4278196227



4278198020



4278196239



4278914316



4278209802



4278242330



# Inverse Universe

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



4279762965



4280221723



4279762953



4279044877



4283236419

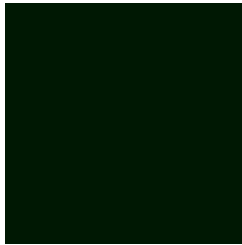


4291559603



# Previews

## White Background



This preview shows how the Android color 4278196227 looks on a white background.

## Color Contrast Check

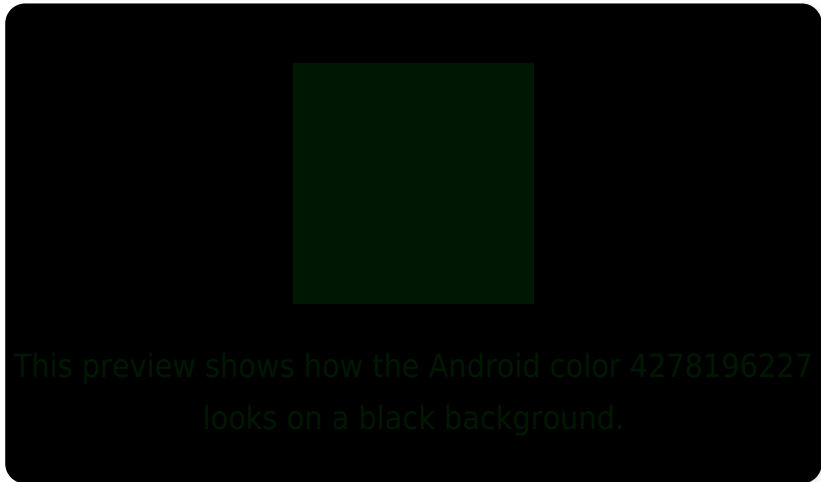
Large Text (above 18pt) WCAG AA ✓ Pass

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

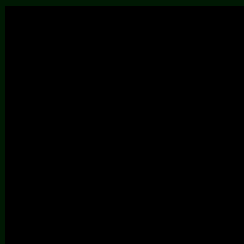
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4278196227 Background



This preview shows how black text looks on a background with the Android color 4278196227.



This preview shows how white text looks on a background with the Android color 4278196227.

# 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**  
4278196227

**Protanopia**  
4279702786

**Deuteranopia**  
4279898886



**Tritanopia**  
4278851096

# Trichromacy



**Original Color**

4278196227

**Protanomaly**

4279178754

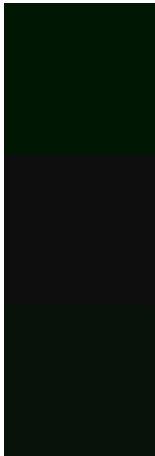
**Deuteranomaly**

4279309573

**Tritanomaly**

4278589200

# Monochromacy



**Original Color**

4278196227

**Achromatopsia**

4279111182

**Achromatomaly**

4278784522

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278196227 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(0, 24, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 24, 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(0, 24, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 24, 3) }
```

## Border

The CSS property to change the border of an element to Android 4278196227 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(0, 24, 3) }
```

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

```
.border{ border-color:rgb(0, 24, 3) }
```

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

Here you see how a box with a 4 pixel rgb(0, 24, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 24, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 24, 3); box-shadow:4px  
4px 4px 4px rgb(0, 24, 3) }
```

# Background

The CSS property to change the background color of an element to Android 4278196227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 24, 3) }
```

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

```
.background{ background-color: rgb(0, 24,  
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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