

# Converting Colors

Android(4278730019)

Have a look what the booklet for  
Android(4278730019) contains.

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# Color

**Android(4278730019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	083D23
RGB	8, 61, 35
RGB Percent	3%, 24%, 14%
CMY	0.9686, 0.7608, 0.8627
CMYK	0.87, 0.00, 0.43, 0.76
HSL	151°, 77%, 14%
HSV	151°, 87%, 24%
XYZ	2.0723, 3.5105, 2.1585
YIQ	42.1890, -23.2420, -19.3220

# Conversions

## Conversions Part 2

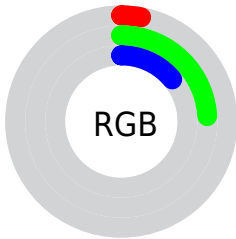
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 43, 61
Decimal	539939
CIELab	21.98, -24.03, 11.36
CIELCh	22, 26.583, 154.706
Yxy	3.5105, 0.2677, 0.4535
Android (android.graphics.Color)	4278730019 (0xFF083D23)
YUV	42.1890, -3.5442, -29.9838
Hunter-Lab	18.7362, -13.0460, 6.2849

# Details

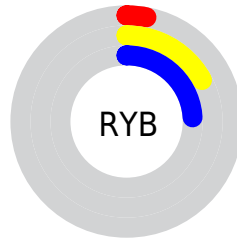
The Android color **4278730019** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282189858**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4282150224**, and **4278193408** is the 20% darker color. If you saturate the color by 10%, you get **4278336800**, and if you desaturate by 10%, it is **4279123238**.

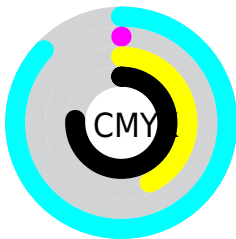
# Distribution



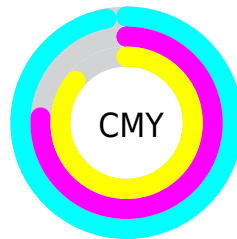
- Red (3%)
- Green (24%)
- Blue (14%)



- Red (3%)
- Yellow (17%)
- Blue (24%)



- Cyan (87%)
- Magenta (0%)
- Yellow (43%)
- Black (76%)



- Cyan (97%)
- Magenta (76%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278730019 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 4278730019 by changing the saturation by 10% instead.



 4278730019

 4278730019

 4294443007

 4278200078

 4282150224

 4278193408

 4283729768

 4278190080

 4285440385

 4287151259

 4288927926

 4290704849

 4292542446

 4278730019

 4278730019

■ 4278336800

■ 4279123238

■ 4278205727

■ 4279516457

■ 4279909676

■ 4280302895

■ 4280761650

■ 4281154869

■ 4281548088

■ 4281941307

■ 4282334526

# Harmonies

## Analogous

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



4280826386



4278730019



4278206007

# Triad

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



4278730019



4279318108



4283901471

# Complementary

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



4278730019



4282189858

# 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.



4283966258



4278730019



4282003029

# Square

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



4278730019



4278205272



4283377222



4283247888

# Rectangle

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



4278730019



4278206020



4283377222



4283966501



# Sweetspot

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



4278730019



4282011461



4280499464



4280035619



4289243304



4280887593



# Same Dimension

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



4278730019



4278210344



4278730045



4280033053



4278214192



4278247025



# Inverse Universe

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



4282189858



4283367463



4282189832



4280228893



4284350510



4292739181



# Previews

## White Background



This preview shows how the Android color 4278730019 looks on a white background.

## Color Contrast Check

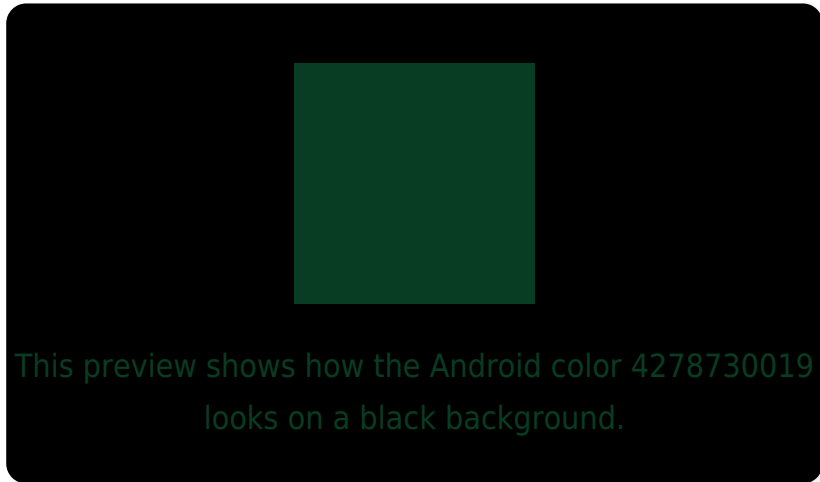
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278730019 Background



This preview shows how black text looks on a background with the Android color 4278730019.



This preview shows how white text looks on a background with the Android color 4278730019.

# 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**  
4278730019

**Protanopia**  
4282004768

**Deuteranopia**  
4282331941



# Trichromacy



**Original Color**  
4278730019

**Protanomaly**  
4280825889

**Deuteranomaly**  
4281022244

**Tritanomaly**  
4279384884

# Monochromacy



**Original Color**  
4278730019

**Achromatopsia**  
4280953386

**Achromatomaly**  
4280168743

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278730019 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(8, 61, 35)` looks like.

```
.text, #text, p{  
    color:rgb(8, 61, 35)  
}
```

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(8, 61, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 61, 35) }
```

## Border

The CSS property to change the border of an element to Android 4278730019 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(8, 61, 35) }
```

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

```
.border{ border-color:rgb(8, 61, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 61, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 61, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 61, 35); box-shadow:4px  
4px 4px 4px rgb(8, 61, 35) }
```

# Background

The CSS property to change the background color of an element to Android 4278730019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 61, 35) }
```

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

```
.background{ background-color: rgb(8, 61,  
35) }
```

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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