

# Converting Colors

Android(4278524684)

Have a look what the booklet for  
Android(4278524684) contains.

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# Color

**Android(4278524684)**

# Conversions

## Conversions Part 1

Format	Color
Hex	051B0C
RGB	5, 27, 12
RGB Percent	2%, 11%, 5%
CMY	0.9804, 0.8941, 0.9529
CMYK	0.81, 0.00, 0.56, 0.89
HSL	139°, 69%, 6%
HSV	139°, 81%, 11%
XYZ	0.5209, 0.8427, 0.4830
YIQ	18.7120, -8.2970, -9.3290

# Conversions

## Conversions Part 2

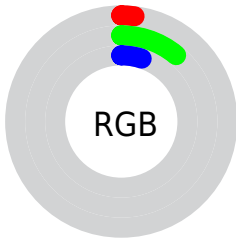
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">5, 22, 27</a>
Decimal	<a href="#">334604</a>
CIELab	<a href="#">7.61, -11.47, 6.21</a>
CIELCh	<a href="#">8, 13.047, 151.554</a>
Yxy	<a href="#">0.8427, 0.2821, 0.4563</a>
Android (android.graphics.Color)	<a href="#">4278524684 (0xFF051B0C)</a>
YUV	<a href="#">18.7120, -3.3090, -12.0254</a>
Hunter-Lab	<a href="#">9.1797, -5.9360, 3.3061</a>

# Details

The Android color **4278524684** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279960852**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4281484855**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278328074**, and if you desaturate by 10%, it is **4278721294**.

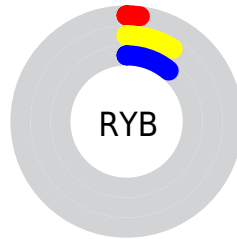
# Distribution



Red (2%)

Green (11%)

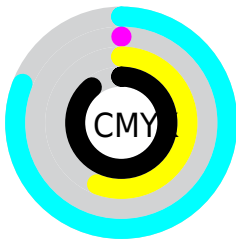
Blue (5%)



Red (2%)

Yellow (9%)

Blue (11%)

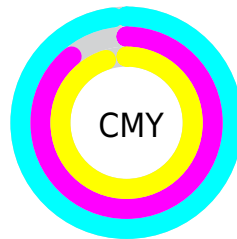


Cyan (81%)

Magenta (0%)

Yellow (56%)

Black (89%)



Cyan (98%)

Magenta (89%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278524684 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 4278524684 by changing the saturation by 10% instead.




 4278524684

 4278524684

 4293328620

 4278190080

 4281484855

 4282998350

 4284511846

 4286156927

 4287867545

 4289644212

 4291420879

 4278524684

 4278524684

■ 4278328074

■ 4278721294

■ 4278197001

■ 4278852368

■ 4279048978

■ 4279245587

■ 4279376661

■ 4279573271

■ 4279769881

■ 4279966491

■ 4280097565

# Harmonies

## Analogous

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



4279507200



4278524684



4278197271

# Triad

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



4278524684



4278785832



4280750092

# Complementary

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



4278524684



4279960852

# 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.



4280750103



4278524684



4279768101

# Square

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



4278524684



4278196774



4280422687



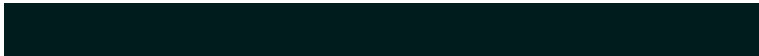
4280554240

# Rectangle

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



4278524684



4278197277



4280422687



4280750096



# Sweetspot

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



4278524684



4279968798



4279507717



4279046670



4287730065



4279374354



# Same Dimension

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



4278524684



4278264844



4278524695



4278914316



4278209816



4278242369



# Inverse Universe

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



4279960852



4280549657



4279960841



4279044876



4283236404

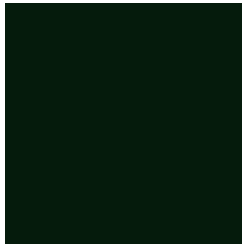


4291559563



# Previews

## White Background



This preview shows how the Android color 4278524684 looks on a white background.

## Color Contrast Check

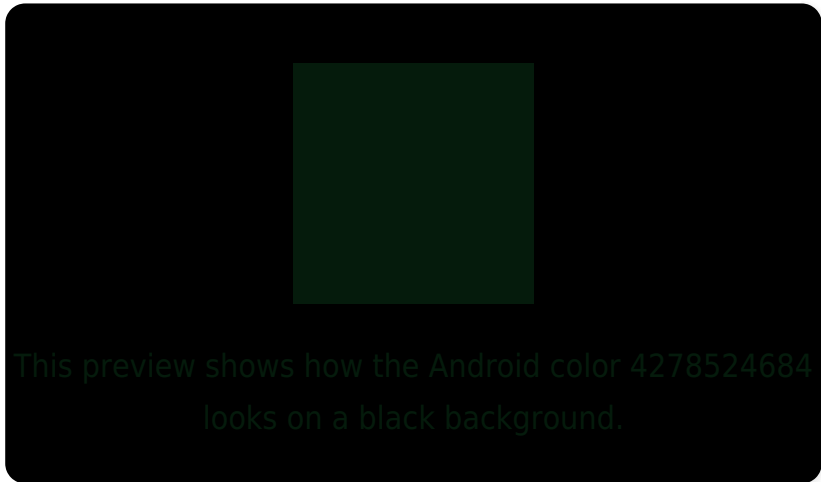
Large Text (above 18pt) WCAG AA ✓ Pass

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

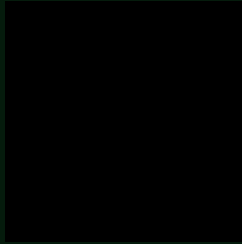
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278524684 Background



This preview shows how black text looks on a background with the Android color 4278524684.

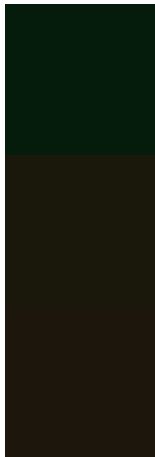


This preview shows how white text looks on a background with the Android color 4278524684.

# 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**  
4278524684

**Protanopia**  
4279899915

**Deuteranopia**  
4280030733



**Tritanopia**  
4278917403

# Trichromacy



**Original Color**

4278524684

**Protanomaly**

4279375883

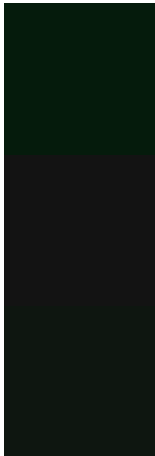
**Deuteranomaly**

4279506957

**Tritanomaly**

4278786582

# Monochromacy



**Original Color**

4278524684

**Achromatopsia**

4279440147

**Achromatomaly**

4279113232

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278524684 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(5, 27, 12)` looks like.

```
.text, #text, p{  
    color:rgb(5, 27, 12)  
}
```

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(5, 27, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 27, 12) }
```

## Border

The CSS property to change the border of an element to Android 4278524684 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(5, 27, 12) }
```

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

```
.border{ border-color:rgb(5, 27, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 27, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 27, 12); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 27, 12); box-shadow:4px  
4px 4px 4px rgb(5, 27, 12) }
```

# Background

The CSS property to change the background color of an element to Android 4278524684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 27, 12) }
```

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

```
.background{ background-color: rgb(5, 27,  
12) }
```

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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