

# Converting Colors

Android(4278730752)

Have a look what the booklet for  
Android(4278730752) contains.

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# Color

**Android(4278730752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	084000
RGB	8, 64, 0
RGB Percent	3%, 25%, 0%
CMY	0.9686, 0.7490, 1.0000
CMYK	0.88, 0.00, 1.00, 0.75
HSL	112°, 100%, 13%
HSV	112°, 100%, 25%
XYZ	1.9335, 3.7184, 0.6158
YIQ	39.9600, -12.8320, -31.7760

# Conversions

## Conversions Part 2

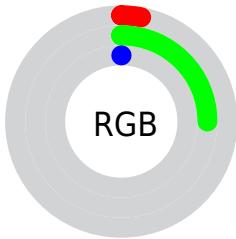
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 56
Decimal	540672
CIELab	22.72, -30.39, 30.36
CIELCh	23, 42.960, 135.033
Yxy	3.7184, 0.3085, 0.5933
Android (android.graphics.Color)	4278730752 (0xFF084000)
YUV	39.9600, -19.7003, -28.0289
Hunter-Lab	19.2832, -15.8473, 11.6048

# Details

The Android color **4278730752** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281860160**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4282282288**, and **4278194432** is the 20% darker color. If you saturate the color by 10%, you get **4278730752**, and if you desaturate by 10%, it is **4279123974**.

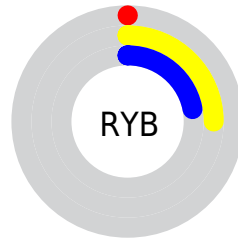
# Distribution



Red (3%)

Green (25%)

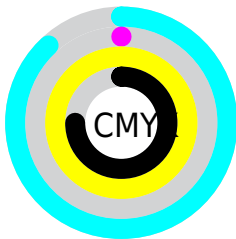
Blue (0%)



Red (0%)

Yellow (25%)

Blue (22%)

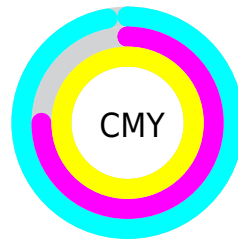


Cyan (88%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (97%)

Magenta (75%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278730752 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 4278730752 by changing the saturation by 10% instead.



 4278730752

 4278730752

 4294770662

 4278200832

 4282282288

 4278194432


 4283992648

 4278190080

 4285637984

 4287414393

 4289191059

 4291033518

 4292870090

 4278730752

■ 4279123974

■ 4279451661

■ 4279844883

■ 4280172570

■ 4280565792

■ 4280959014

■ 4281286701

■ 4281679923

■ 4282007610

# Harmonies

## Analogous

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



4281678336



4278730752



4278207268

# Triad

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



4278730752



4278206325



4285336872

# Complementary

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



4278730752



4281860160

# 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.



4284879176



4278730752



4278203765

# Square

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



4278730752



4278207331



4283114852



4284817159

# Rectangle

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



4278730752



4278207547



4283114852



4285336370



# Sweetspot

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



4278730752



4282274875



4282398464



4280167196



4289440683



4281019179



# Same Dimension

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



4278730752



4278932480



4278206487



4280164638



4279001344



4280082432



# Inverse Universe

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



4281860160



4283039828



4282384425



4280360481



4283760737



4291035360



# Previews

## White Background



This preview shows how the Android color 4278730752 looks on a white background.

## Color Contrast Check

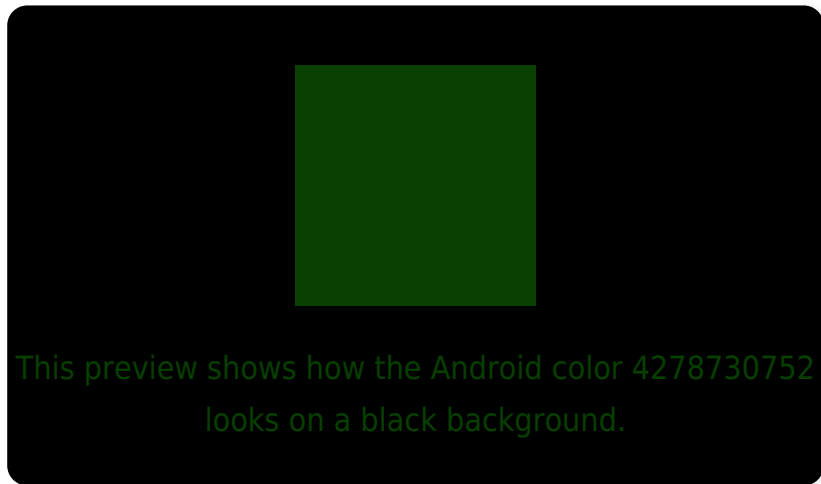
Large Text (above 18pt) WCAG AA ✓ Pass

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

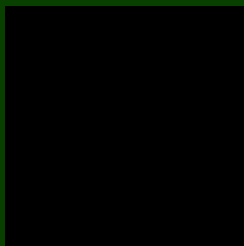
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4278730752 Background



This preview shows how black text looks on a background with the Android color 4278730752.



This preview shows how white text looks on a background with the Android color 4278730752.

# 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**  
4278730752

**Protanopia**  
4282267392

**Deuteranopia**  
4282725390



# Trichromacy



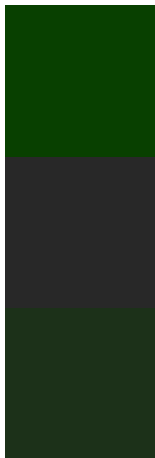
**Original Color**  
4278730752

**Protanomaly**  
4280957440

**Deuteranomaly**  
4281284617

**Tritanomaly**  
4279581993

# Monochromacy



**Original Color**  
4278730752

**Achromatopsia**  
4280821800

**Achromatomaly**  
4280037657

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278730752 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, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(8, 64, 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(8, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 64, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278730752 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, 64, 0) }
```

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

```
.border{ border-color:rgb(8, 64, 0) }
```

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

Here you see how a box with a 4 pixel rgb(8, 64, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 64, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 64, 0); box-shadow:4px  
4px 4px 4px rgb(8, 64, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278730752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 64, 0) }
```

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

```
.background{ background-color: rgb(8, 64,  
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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