

# Converting Colors

Android(4287104768)

Have a look what the booklet for  
Android(4287104768) contains.

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**Color**

**Android(4287104768)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	880700
RGB	136, 7, 0
RGB Percent	53%, 3%, 0%
CMY	0.4667, 0.9725, 1.0000
CMYK	0.00, 0.95, 1.00, 0.47
HSL	3°, 100%, 27%
HSV	3°, 100%, 53%
XYZ	10.2293, 5.3862, 0.5005
YIQ	44.7730, 79.1310, 25.1710

# Conversions

## Conversions Part 2

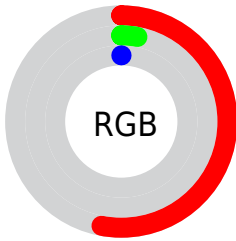
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 7, 0
Decimal	8914688
CIELab	27.81, 49.01, 40.79
CIELCh	28, 63.758, 39.769
Yxy	5.3862, 0.6347, 0.3342
Android (android.graphics.Color)	4287104768 (0xFF880700)
YUV	44.7730, -22.0731, 80.0061
Hunter-Lab	23.2082, 38.0620, 14.9671

# Details

The Android color **4287104768** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **4278223240**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4291118895**, and **4283170816** is the 20% darker color. If you saturate the color by 10%, you get **4287104768**, and if you desaturate by 10%, it is **4287108110**.

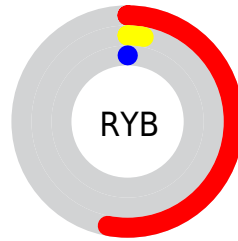
# Distribution



Red (53%)

Green (3%)

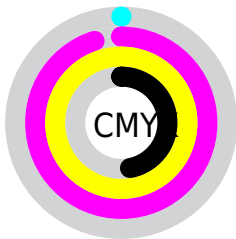
Blue (0%)



Red (53%)

Yellow (3%)

Blue (0%)

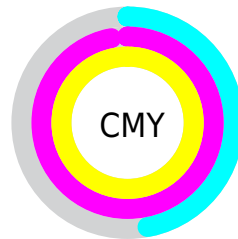


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (97%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287104768 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 4287104768 by changing the saturation by 10% instead.



 4287104768

 4287104768

 4294967268

 4285136896

 4291118895

 4283170816

 4293157446

 4281466882

 4294933854

 4278190080

 4294940791

 4294947986

 4294955436

 4294962888

 4287104768

 4287108110

 4287111451

 4287114793

 4287118134

 4287121476

 4287124562

 4287127903

 4287131245

 4287134586

# Harmonies

## Analogous

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



4287823924



4287104768



4285215232

# Triad

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



4287104768



4278211356



4278207652

# Complementary

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



4287104768



4278223240

# 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.



4278210719



4287104768



4278211921

# Square

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



4287104768



4278210048



4278211968



4283574926

# Rectangle

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



4287104768



4283580416



4278211968



4278208934



# Sweetspot

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



4287104768



4289756795



4287103105



4284037945



4292467161



4284045657



# Same Dimension

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



4287104768



4289726720



4287122176



4282727998



4286908160



4278517760



# Inverse Universe

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



4278223240



4278233008



4278205832



4282270789



4278222469

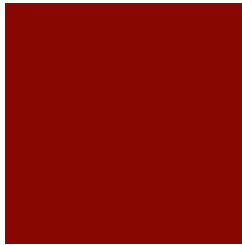


4278191365



# Previews

## White Background



This preview shows how the Android color 4287104768 looks on a white background.

## Color Contrast Check

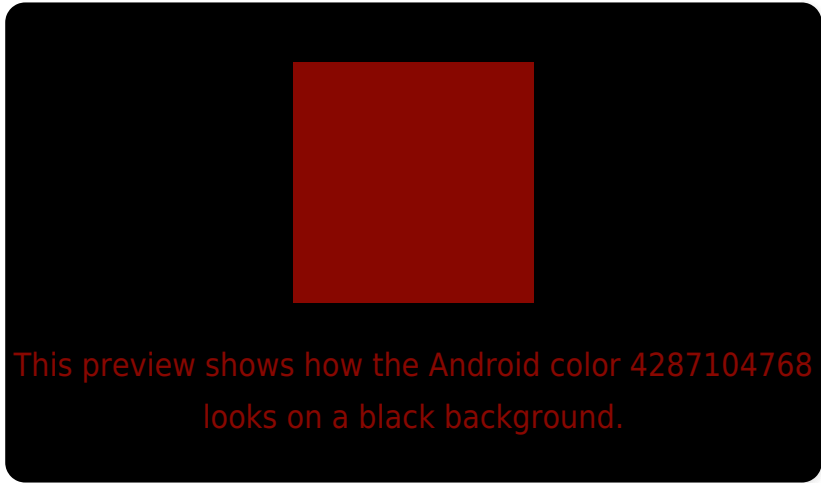
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287104768 Background



This preview shows how black text looks on a background with the Android color 4287104768.



This preview shows how white text looks on a background with the Android color 4287104768.

# 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**  
4287104768

**Protanopia**  
4283254034

**Deuteranopia**  
4283908352



# Trichromacy



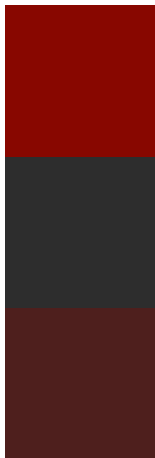
**Original Color**  
4287104768

**Protanomaly**  
4284624395

**Deuteranomaly**  
4285082624

**Tritanomaly**  
4287040000

# Monochromacy



**Original Color**  
4287104768

**Achromatopsia**  
4281150765

**Achromatomaly**  
4283309853

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287104768 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(136, 7, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 7, 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(136, 7, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 7, 0) }
```

## Border

The CSS property to change the border of an element to Android 4287104768 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(136, 7, 0) }
```

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

```
.border{ border-color:rgb(136, 7, 0) }
```

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

Here you see how a box with a 4 pixel rgb(136, 7, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 7, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(136, 7, 0); box-shadow:4px  
4px 4px 4px rgb(136, 7, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4287104768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 7, 0) }
```

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

```
.background{ background-color: rgb(136, 7,  
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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