

# Converting Colors

Android(4287758376)

Have a look what the booklet for  
Android(4287758376) contains.

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# Color

**Android(4287758376)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	920028
RGB	146, 0, 40
RGB Percent	57%, 0%, 16%
CMY	0.4275, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.73, 0.43
HSL	344°, 100%, 29%
HSV	344°, 100%, 57%
XYZ	12.2371, 6.2642, 2.5716
YIQ	48.2140, 74.1760, 43.3920

# Conversions

## Conversions Part 2

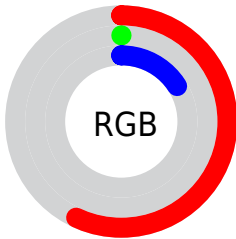
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 0, 40
Decimal	9568296
CIELab	30.07, 53.90, 22.05
CIELCh	30, 58.234, 22.247
Yxy	6.2642, 0.5807, 0.2973
Android (android.graphics.Color)	4287758376 (0xFF920028)
YUV	48.2140, -4.0495, 85.7583
Hunter-Lab	25.0284, 43.4739, 11.4279

# Details

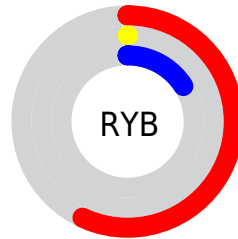
The Android color **4287758376** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **4278227562**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4291774549**, and **4283891712** is the 20% darker color. If you saturate the color by 10%, you get **4287758376**, and if you desaturate by 10%, it is **4287762227**.

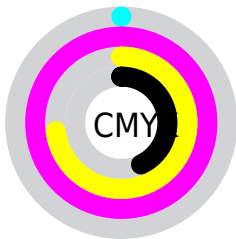
# Distribution



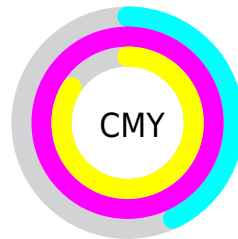
- Red (57%)
- Green (0%)
- Blue (16%)



- Red (57%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (43%)



- Cyan (43%)
- Magenta (100%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287758376 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 4287758376 by changing the saturation by 10% instead.





4287758376



4287758376

4294967295



4285792276



4291774549



4283891712



4293747821



4282122243



4294934406



4279697408



4294941600



4278190080



4294948795



4294956247



4294963699



4287758376

 4287762227

 4287765821

 4287769672

 4287773266

 4287777117

 4287780968

 4287784562

 4287788413

 4287792007

# Harmonies

## Analogous

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



4287561813



4287758376



4286654976

# Triad

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



4287758376



4278211843



4278210722

# Complementary

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



4287758376



4278227562

# 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.



4278212751



4287758376



4278212921

# Square

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



4287758376



4281880064



4278213224



4279582876

# Rectangle

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



4287758376



4285348352



4278213224



4278211742



# Sweetspot

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



4287758376



4290610324



4285071506



4284365894



4292796126



4284374622



# Same Dimension

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



4287758376



4290576436



4287766528



4283056965



4287234086



4278845443



# Inverse Universe

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



4287758376



4290576436



4278219410



4283056965



4287234086

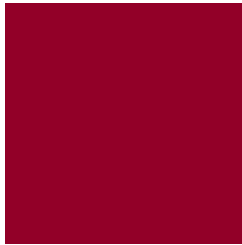


4278845443



# Previews

## White Background



This preview shows how the Android color 4287758376 looks on a white background.

## Color Contrast Check

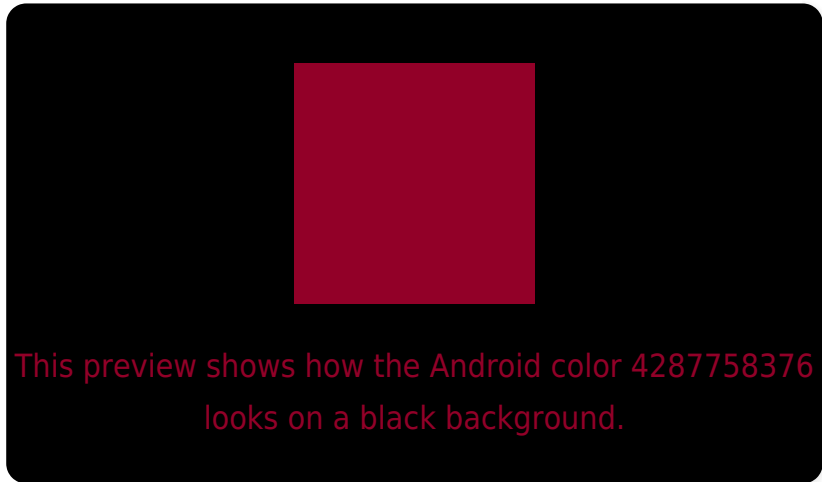
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287758376 Background



This preview shows how black text looks on a background with the Android color 4287758376.



This preview shows how white text looks on a background with the Android color 4287758376.

# 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**  
4287758376

**Protanopia**  
4283386428

**Deuteranopia**  
4284237600



# Trichromacy



**Original Color**  
4287758376

**Protanomaly**  
4284952373

**Deuteranomaly**  
4285541667

**Tritanomaly**  
4287695382

# Monochromacy



**Original Color**  
4287758376

**Achromatopsia**  
4281348144

**Achromatomaly**  
4283703085

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287758376 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(146, 0, 40)` looks like.

```
.text, #text, p{  
    color:rgb(146, 0, 40)  
}
```

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(146, 0, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 0, 40) }
```

## Border

The CSS property to change the border of an element to Android 4287758376 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(146, 0, 40) }
```

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

```
.border{ border-color:rgb(146, 0, 40) }
```

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

Here you see how a box with a 4 pixel rgb(146, 0, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 0, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 0, 40);  
box-shadow:4px 4px 4px 4px rgb(146, 0, 40)  
}
```

# Background

The CSS property to change the background color of an element to Android 4287758376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 0, 40) }
```

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

```
.background{ background-color: rgb(146, 0,  
40) }
```

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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