

# Converting Colors

Android(4286447616)

Have a look what the booklet for  
Android(4286447616) contains.

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**Color**

**Android(4286447616)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E0000
RGB	126, 0, 0
RGB Percent	49%, 0%, 0%
CMY	0.5059, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.51
HSL	0°, 100%, 25%
HSV	0°, 100%, 49%
XYZ	8.6042, 4.4356, 0.4027
YIQ	37.6740, 75.0960, 26.7120

# Conversions

## Conversions Part 2

Format	Color
<b>RYB</b>	126, 0, 0
Decimal	8257536
CIELab	25.06, 47.51, 37.45
CIElCh	25, 60.499, 38.246
Yxy	4.4356, 0.6401, 0.3300
Android (android.graphics.Color)	4286447616 (0xFF7E0000)
YUV	37.6740, -18.5733, 77.4619
Hunter-Lab	21.0609, 36.0675, 13.6091

# Details

The Android color **4286447616** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **4278222462**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4290396718**, and **4282580992** is the 20% darker color. If you saturate the color by 10%, you get **4286447616**, and if you desaturate by 10%, it is **4286450957**.

# Distribution



Red (49%)

Green (0%)

Blue (0%)



Red (49%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286447616 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 4286447616 by changing the saturation by 10% instead.



 4286447616

 4286447616

 4294967267

 4284481536

 4290396718

 4282580992

 4292435270

 4280745985

 4294539102

 4278190080

 4294939255

 4294946449

 4294953643

 4294961095

 4286447616

 4286450957

 4286454041

 4286457382

 4286460466

 4286463807

 4286467148

 4286470232

 4286473573

 4286476657

# Harmonies

## Analogous

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



4287037489



4286447616



4284754944

# Triad

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



4286447616



4278209302



4278206104

# Complementary

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



4286447616



4278222462

# 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.



4278209170



4286447616



4278209863

# Square

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



4286447616



4278208256



4278209908



4282853253

# Rectangle

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



4286447616



4283185408



4278209908



4278207385



# Sweetspot

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



4286447616



4288901746



4286447742



4283577396



4291940817



4283585106



# Same Dimension

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



4286447616



4288872448



4286463744



4282399033



4286578688



4278190080



# Inverse Universe

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



4278222462



4278231971



4278206334



4281942080



4278222976



4278190080



# Previews

## White Background



This preview shows how the Android color 4286447616 looks on a white background.

## Color Contrast Check

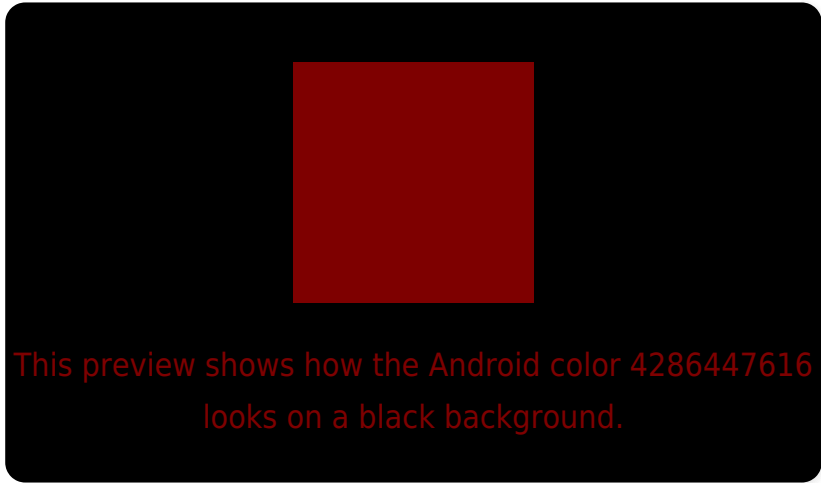
Large Text (above 18pt) WCAG AA ✓ Pass

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

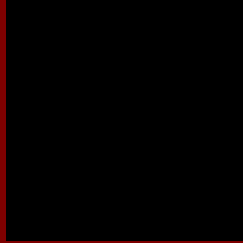
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286447616 Background



This preview shows how black text looks on a background with the Android color 4286447616.



This preview shows how white text looks on a background with the Android color 4286447616.

# 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**  
4286447616

**Protanopia**  
4282859536

**Deuteranopia**  
4283448320



# Trichromacy



**Original Color**  
4286447616

**Protanomaly**  
4284164362

**Deuteranomaly**  
4284556800

**Tritanomaly**  
4286384128

# Monochromacy



**Original Color**  
4286447616

**Achromatopsia**  
4280690214

**Achromatomaly**  
4282783768

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286447616 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(126, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(126, 0, 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(126, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 0, 0) }
```

## Border

The CSS property to change the border of an element to Android 4286447616 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(126, 0, 0) }
```

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

```
.border{ border-color:rgb(126, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(126, 0, 0); box-shadow:4px  
4px 4px 4px rgb(126, 0, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4286447616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 0, 0) }
```

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

```
.background{ background-color: rgb(126, 0,  
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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