

# Converting Colors

Android(4282517008)

Have a look what the booklet for  
Android(4282517008) contains.

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**Color**

**Android(4282517008)**

# Conversions

## Conversions Part 1

Format	Color
Hex	420610
RGB	66, 6, 16
RGB Percent	26%, 2%, 6%
CMY	0.7412, 0.9765, 0.9373
CMYK	0.00, 0.91, 0.76, 0.74
HSL	350°, 83%, 14%
HSV	350°, 91%, 26%
XYZ	2.4054, 1.3259, 0.6194
YIQ	25.0800, 32.5500, 15.8300

# Conversions

## Conversions Part 2

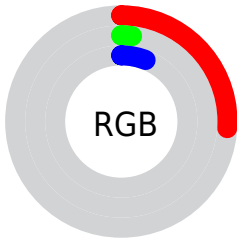
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">66, 6, 16</a>
Decimal	<a href="#">4326928</a>
CIELab	<a href="#">11.46, 28.46, 10.89</a>
CIELCh	<a href="#">11, 30.469, 20.945</a>
Yxy	<a href="#">1.3259, 0.5529, 0.3048</a>
Android (android.graphics.Color)	<a href="#">4282517008 (0xFF420610)</a>
YUV	<a href="#">25.0800, -4.4764, 35.8868</a>
Hunter-Lab	<a href="#">11.5148, 17.1373, 4.8713</a>

# Details

The Android color **4282517008** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4278600248**, and the grayscale version is **4279834905**.

A 20% lighter version of the original color is **4285937210**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4282515467**, and if you desaturate by 10%, it is **4282518806**.

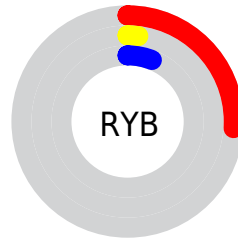
# Distribution



Red (26%)

Green (2%)

Blue (6%)



Red (26%)

Yellow (2%)

Blue (6%)

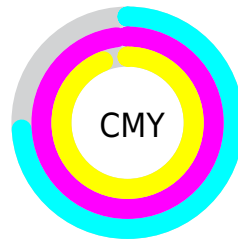


Cyan (0%)

Magenta (91%)

Yellow (76%)

Black (74%)



Cyan (74%)

Magenta (98%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282517008 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 4282517008 by changing the saturation by 10% instead.



 4282517008

 4282517008

 4294963183

 4281073664

 4285937210

 4278190080

 4287778385

 4289554281

 4291461506

 4293368732

 4294948535

 4294955731

 4282517008

 4282517008

■ 4282515467

■ 4282518806

■ 4282520347

■ 4282522145

■ 4282523686

■ 4282525484

■ 4282527281

■ 4282528823

■ 4282530620

■ 4282532162

# Harmonies

## Analogous

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



4282385702



4282517008



4282061056

# Triad

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



4282517008



4278199552



4278199112

# Complementary

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



4282517008



4278600248

# 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.



4278199871



4282517008



4278200087

# Square

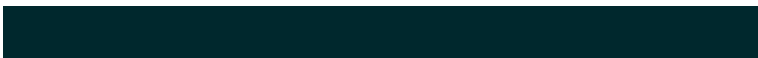
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4282517008



4279902720



4278200365



4278918214

# Rectangle

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



4282517008



4281473024



4278200365



4278199366



# Sweetspot

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



4282517008



4283907907



4281861698



4281015584



4289440683



4281019179



# Same Dimension

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



4282517008



4283891726



4282522118



4280360478



4284547088



4292870181



# Inverse Universe

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



4282517008



4283891726



4278595138



4280360478



4284547088

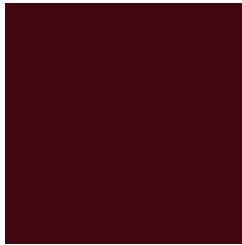


4292870181



# Previews

## White Background



This preview shows how the Android color 4282517008 looks on a white background.

## Color Contrast Check

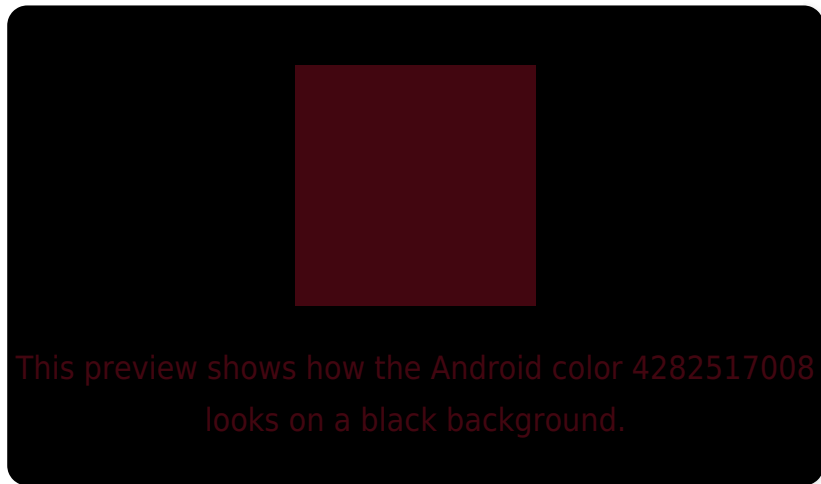
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282517008 Background



This preview shows how black text looks on a background with the Android color 4282517008.



This preview shows how white text looks on a background with the Android color 4282517008.

# 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**

4282517008

**Protanopia**

4280558104

**Deuteranopia**

4280950796



# Trichromacy



**Original Color**  
4282517008

**Protanomaly**  
4281276437

**Deuteranomaly**  
4281538317

**Tritanomaly**  
4282517258

# Monochromacy



**Original Color**  
4282517008

**Achromatopsia**  
4279834905

**Achromatomaly**  
4280816150

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282517008 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(66, 6, 16)` looks like.

```
.text, #text, p{  
    color:rgb(66, 6, 16)  
}
```

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(66, 6, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 6, 16) }
```

## Border

The CSS property to change the border of an element to Android 4282517008 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(66, 6, 16) }
```

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

```
.border{ border-color:rgb(66, 6, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 6, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 6, 16); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 6, 16); box-shadow:4px  
4px 4px 4px rgb(66, 6, 16) }
```

# Background

The CSS property to change the background color of an element to Android 4282517008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 6, 16) }
```

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

```
.background{ background-color: rgb(66, 6,  
16) }
```

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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