

# Converting Colors

Android(4282673216)

Have a look what the booklet for  
Android(4282673216) contains.

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# Color

**Android(4282673216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	446840
RGB	68, 104, 64
RGB Percent	27%, 41%, 25%
CMY	0.7333, 0.5922, 0.7490
CMYK	0.35, 0.00, 0.38, 0.59
HSL	114°, 24%, 33%
HSV	114°, 38%, 41%
XYZ	8.2596, 11.4997, 6.6348
YIQ	88.6760, -8.6160, -20.0720

# Conversions

## Conversions Part 2

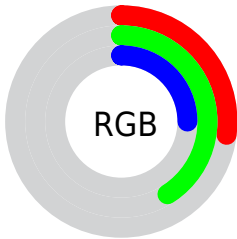
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 104, 100
Decimal	4483136
CIELab	40.41, -21.68, 18.56
CIELCh	40, 28.535, 139.436
Yxy	11.4997, 0.3129, 0.4357
Android (android.graphics.Color)	4282673216 (0xFF446840)
YUV	88.6760, -12.1653, -18.1329
Hunter-Lab	33.9113, -15.8682, 12.1376

# Details

The Android color **4282673216** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4284760168**, and the grayscale version is **4284045657**.

A 20% lighter version of the original color is **4285963120**, and **4279580948** is the 20% darker color. If you saturate the color by 10%, you get **4282083382**, and if you desaturate by 10%, it is **4283263050**.

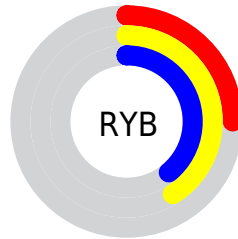
# Distribution



Red (27%)

Green (41%)

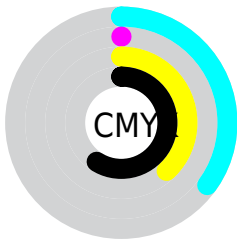
Blue (25%)



Red (25%)

Yellow (41%)

Blue (39%)

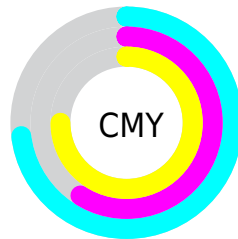


Cyan (35%)

Magenta (0%)

Yellow (38%)

Black (59%)



Cyan (73%)

Magenta (59%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282673216 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 4282673216 by changing the saturation by 10% instead.





4282673216



4282673216

4294967295



4281094186



4285963120



4279580948



4287673994



4278264576



4289450660



4278190848



4291227327



4278190080



4293066715



4294967288



4282673216



4282673216



4282083382



4283263050

■ 4281428011

■ 4283918421

■ 4280838177

■ 4284508255

■ 4280248342

■ 4285098090

■ 4279592972

■ 4285753460

■ 4279003138

■ 4286343294

■ 4278872064

■ 4286998665

■ 4287588499

■ 4288178334

# Harmonies

## Analogous

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



4284441394



4282673216



4280380246

# Triad

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



4282673216



4280837261



4287384913

# Complementary

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



4282673216



4284760168

# 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.



4287057257



4282673216



4283784331

# Square

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



4282673216



4278217090



4285813886



4286927677

# Rectangle

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



4282673216



4278217574



4285813886



4287384665



# Sweetspot

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



4282673216



4286154615



4285031488



4282139963



4291085508



4282729797



# Same Dimension

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



4282673216



4283402057



4282411088



4281217838



4278940416



4279824896



# Inverse Universe

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



4284760168



4286663047



4285022296



4281478707



4284940403

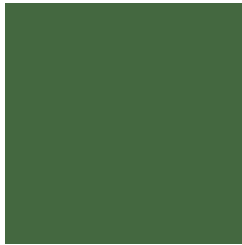


4292477170



# Previews

## White Background



This preview shows how the Android color 4282673216 looks on a white background.

## Color Contrast Check

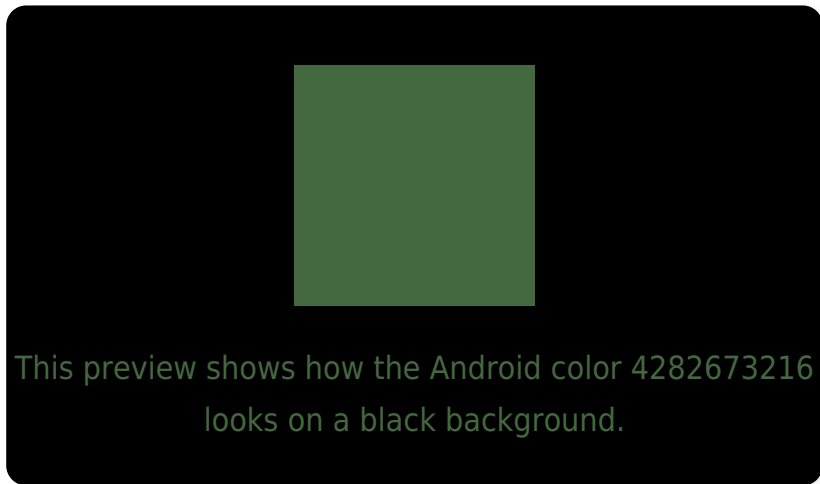
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

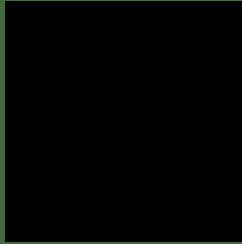
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282673216 Background



This preview shows how black text looks on a background with the Android color 4282673216.



This preview shows how white text looks on a background with the Android color 4282673216.

# 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**  
4282673216

**Protanopia**  
4284964668

**Deuteranopia**  
4285619011



# Trichromacy



**Original Color**  
4282673216

**Protanomaly**  
4284113469

**Deuteranomaly**  
4284571714

**Tritanomaly**  
4283000155

# Monochromacy



**Original Color**  
4282673216

**Achromatopsia**  
4284045657

**Achromatomaly**  
4283522640

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282673216 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(68, 104, 64)` looks like.

```
.text, #text, p{  
    color:rgb(68, 104, 64)  
}
```

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(68, 104, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 104, 64) }
```

## Border

The CSS property to change the border of an element to Android 4282673216 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(68, 104, 64) }
```

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

```
.border{ border-color:rgb(68, 104, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 104, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 104, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 104, 64);  
box-shadow:4px 4px 4px 4px rgb(68, 104,  
64) }
```

# Background

The CSS property to change the background color of an element to Android 4282673216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 104, 64) }
```

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

```
.background{ background-color: rgb(68, 104,  
64) }
```

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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