

# Converting Colors

Android(4282537216)

Have a look what the booklet for  
Android(4282537216) contains.

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**Color**

**Android(4282537216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	425500
RGB	66, 85, 0
RGB Percent	26%, 33%, 0%
CMY	0.7412, 0.6667, 1.0000
CMYK	0.22, 0.00, 1.00, 0.67
HSL	73°, 100%, 17%
HSV	73°, 100%, 33%
XYZ	5.4953, 7.6552, 1.1880
YIQ	69.6290, 15.9610, -30.4630

# Conversions

## Conversions Part 2

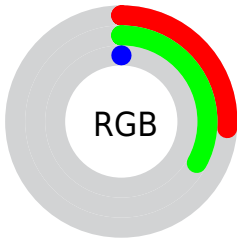
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 85, 19</a>
Decimal	<a href="#">4347136</a>
CIELab	<a href="#">33.25, -18.96, 40.56</a>
CIElCh	<a href="#">33, 44.777, 115.057</a>
Yxy	<a href="#">7.6552, 0.3833, 0.5339</a>
Android (android.graphics.Color)	<a href="#">4282537216 (0xFF425500)</a>
YUV	<a href="#">69.6290, -34.3271, -3.1826</a>
Hunter-Lab	<a href="#">27.6681, -12.9667, 16.8220</a>

# Details

The Android color `4282537216` is a dark color, and the websafe version is hex `666600`. A complement of this color would be `4279435349`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4285892406`, and `4279314432` is the 20% darker color. If you saturate the color by 10%, you get `4282537216`, and if you desaturate by 10%, it is `4282668296`.

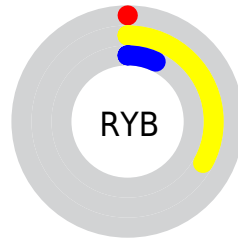
# Distribution



Red (26%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (7%)

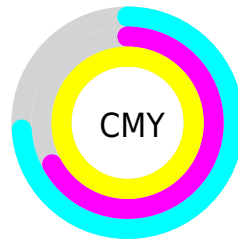


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (74%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282537216 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 4282537216 by changing the saturation by 10% instead.



 4282537216

 4282537216

 4294967280

 4281024000

 4285892406

 4279314432

 4287668558

 4278195200

 4289444968

 4278190080

 4291287169

 4293129372

 4294967224

 4294967252

 4282537216

■ 4282668296

■ 4282799377

■ 4282930457

■ 4283061538

■ 4283127082

■ 4283258163

■ 4283389243

■ 4283520324

■ 4283651404

# Harmonies

## Analogous

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



4284762880



4282537216



4278541091

# Triad

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



4282537216



4278213768



4287244630

# Complementary

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



4282537216



4279435349

# 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.



4285740663



4282537216



4278211733

# Square

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



4282537216



4278214251



4282468239



4287376691

# Rectangle

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



4282537216



4278213947



4282468239



4286917729



# Sweetspot

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



4282537216



4284902989



4283765248



4281612324



4290295992



4281874488



# Same Dimension

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



4282537216



4283788800



4279784704



4280953639



4283656960



4290177792



# Inverse Universe

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



4279435349



4279828590



4282187861



4280821547



4279763051



4281598187



# Previews

## White Background



This preview shows how the Android color 4282537216 looks on a white background.

## Color Contrast Check

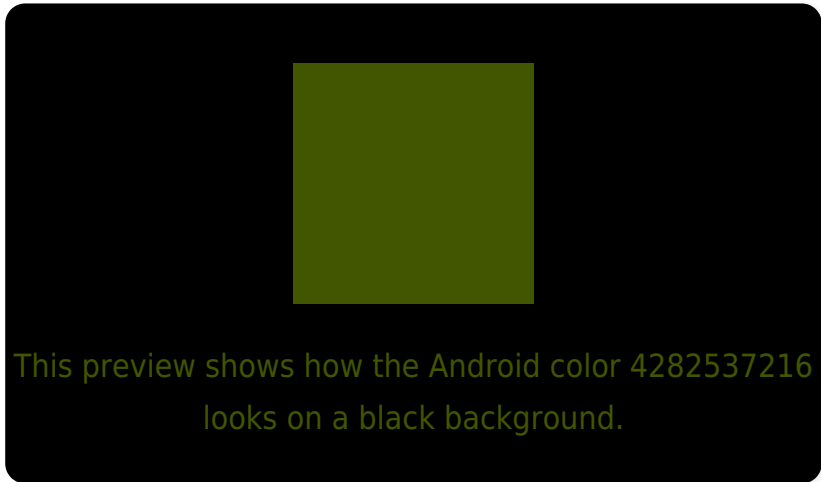
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282537216 Background



This preview shows how black text looks on a background with the Android color 4282537216.



This preview shows how white text looks on a background with the Android color 4282537216.

# 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**

4282537216

**Protanopia**

4283977216

**Deuteranopia**

4284697103



# Trichromacy



**Original Color**  
4282537216

**Protanomaly**  
4283453696

**Deuteranomaly**  
4283911690

**Tritanomaly**  
4282798390

# Monochromacy



**Original Color**  
4282537216

**Achromatopsia**  
4282795590

**Achromatomaly**  
4282731309

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282537216 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, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(66, 85, 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(66, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 85, 0) }
```

## Border

The CSS property to change the border of an element to Android 4282537216 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, 85, 0) }
```

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

```
.border{ border-color:rgb(66, 85, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 85, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 85, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 85, 0); box-shadow:4px  
4px 4px 4px rgb(66, 85, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4282537216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 85, 0) }
```

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

```
.background{ background-color: rgb(66, 85,  
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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