

# Converting Colors

Android(4282533663)

Have a look what the booklet for  
Android(4282533663) contains.

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**Color**

**Android(4282533663)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	42471F
RGB	66, 71, 31
RGB Percent	26%, 28%, 12%
CMY	0.7412, 0.7216, 0.8784
CMYK	0.07, 0.00, 0.56, 0.72
HSL	68°, 39%, 20%
HSV	68°, 56%, 28%
XYZ	4.7473, 5.7637, 2.1586
YIQ	64.9450, 9.8600, -13.5000

# Conversions

## Conversions Part 2

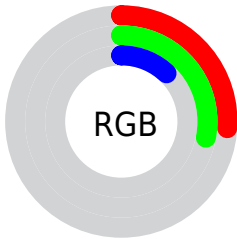
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">31, 71, 36</a>
Decimal	<a href="#">4343583</a>
CIELab	<a href="#">28.81, -9.00, 23.13</a>
CIELCh	<a href="#">29, 24.816, 111.269</a>
Yxy	<a href="#">5.7637, 0.3747, 0.4549</a>
Android (android.graphics.Color)	<a href="#">4282533663 (0xFF42471F)</a>
YUV	<a href="#">64.9450, -16.7349, 0.9252</a>
Hunter-Lab	<a href="#">24.0076, -6.7163, 11.4744</a>

# Details

The Android color **4282533663** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4280557383**, and the grayscale version is **4282466625**.

A 20% lighter version of the original color is **4285757260**, and **4279639040** is the 20% darker color. If you saturate the color by 10%, you get **4282468120**, and if you desaturate by 10%, it is **4282599206**.

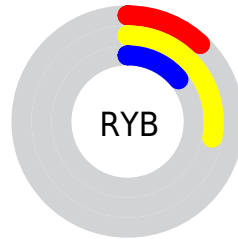
# Distribution



Red (26%)

Green (28%)

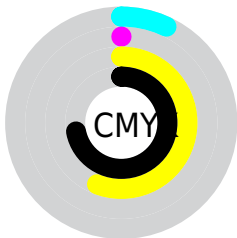
Blue (12%)



Red (12%)

Yellow (28%)

Blue (14%)

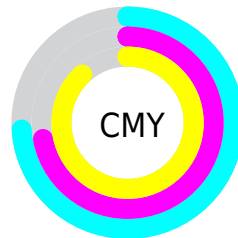


Cyan (7%)

Magenta (0%)

Yellow (56%)

Black (72%)



Cyan (74%)

Magenta (72%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282533663 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 4282533663 by changing the saturation by 10% instead.



 4282533663

 4282533663

4294967295

 4281020680

 4285757260

 4279639040

 4287467877

 4278190080

 4289244030

 4291020696

 4292862899

 4294770638

 4294967275

 4282533663

 4282533663

■ 4282468120

■ 4282599206

■ 4282402577

■ 4282664749

■ 4282337034

■ 4282730292

■ 4282271491

■ 4282795835

■ 4282271488

■ 4282795843

■ 4282861386

■ 4282926929

■ 4282992472

■ 4283058015

# Harmonies

## Analogous

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



4283711773



4282533663



4281092907

# Triad

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



4282533663



4278209633



4284822858

# Complementary

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



4282533663



4280557383

# 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.



4283841116



4282533663



4279519338

# Square

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



4282533663



4278210129



4282204520



4285019447

# Rectangle

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



4282533663



4279782711



4282204520



4284560977



# Sweetspot

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



4282533663



4284111948



4282852383



4281151013



4289572269



4281216558



# Same Dimension

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



4282533663



4283718685



4281222943



4280493088



4283917056



4291289856



# Inverse Universe

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



4280557383



4280622428



4281868103



4280360996



4278976611

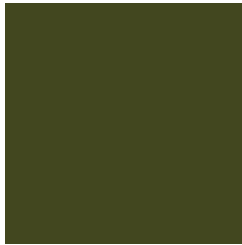


4280025315



# Previews

## White Background



This preview shows how the Android color 4282533663 looks on a white background.

## Color Contrast Check

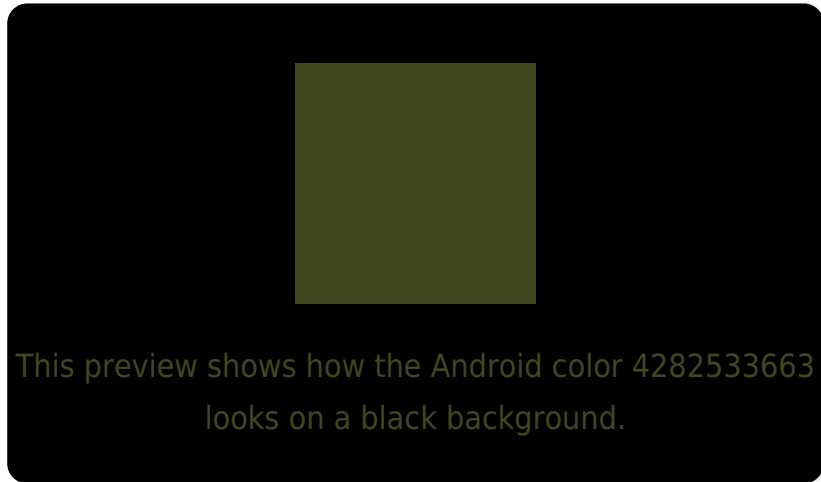
Large Text (above 18pt) WCAG AA ✓ Pass

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

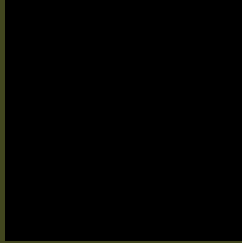
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282533663 Background



This preview shows how black text looks on a background with the Android color 4282533663.



This preview shows how white text looks on a background with the Android color 4282533663.

# 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**

4282533663

**Protanopia**

4283122718

**Deuteranopia**

4283711777



# Trichromacy



**Original Color**

4282533663

**Protanomaly**

4282926366

**Deuteranomaly**

4283253536

**Tritanomaly**

4282729529

# Monochromacy



**Original Color**

4282533663

**Achromatopsia**

4282466625

**Achromatomaly**

4282467125

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282533663 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, 71, 31)` looks like.

```
.text, #text, p{  
    color:rgb(66, 71, 31)  
}
```

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, 71, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 71, 31) }
```

## Border

The CSS property to change the border of an element to Android 4282533663 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, 71, 31) }
```

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

```
.border{ border-color:rgb(66, 71, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 71, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 71, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 71, 31);  
box-shadow:4px 4px 4px 4px rgb(66, 71, 31)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282533663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 71, 31) }
```

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

```
.background{ background-color: rgb(66, 71,  
31) }
```

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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