

# Converting Colors

Android(4281416992)

Have a look what the booklet for  
Android(4281416992) contains.

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# Color

**Android(4281416992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	313D20
RGB	49, 61, 32
RGB Percent	19%, 24%, 13%
CMY	0.8078, 0.7608, 0.8745
CMYK	0.20, 0.00, 0.48, 0.76
HSL	85°, 31%, 18%
HSV	85°, 48%, 24%
XYZ	3.1961, 4.0947, 1.9884
YIQ	54.1060, 2.1570, -11.5630

# Conversions

## Conversions Part 2

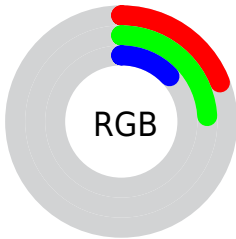
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 61, 44
Decimal	3226912
CIELab	23.98, -10.95, 16.27
CIElCh	24, 19.610, 123.951
Yxy	4.0947, 0.3444, 0.4413
Android (android.graphics.Color)	4281416992 (0xFF313D20)
YUV	54.1060, -10.8983, -4.4780
Hunter-Lab	20.2355, -7.2190, 8.3388

# Details

The Android color **4281416992** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4281081917**, and the grayscale version is **4281742902**.

A 20% lighter version of the original color is **4284509261**, and **4278195200** is the 20% darker color. If you saturate the color by 10%, you get **4281220378**, and if you desaturate by 10%, it is **4281613606**.

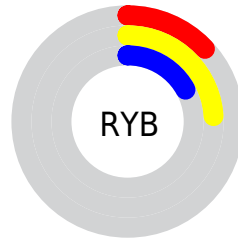
# Distribution



Red (19%)

Green (24%)

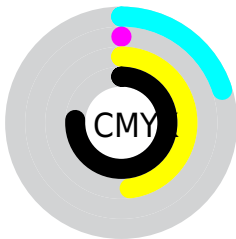
Blue (13%)



Red (13%)

Yellow (24%)

Blue (17%)

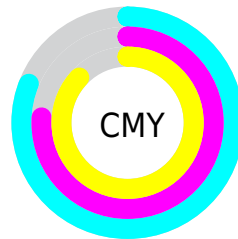


Cyan (20%)

Magenta (0%)

Yellow (48%)

Black (76%)



Cyan (81%)

Magenta (76%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281416992 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 4281416992 by changing the saturation by 10% instead.





4281416992



4281416992

4294967295



4280035082



4284509261



4278195200



4286154341



4278190080



4287864958



4289575832



4291418035



4293260238



4294967274



4281416992



4281416992

■ 4281220378

■ 4281613606

■ 4281089300

■ 4281744684

■ 4280892686

■ 4281941298

■ 4280761608

■ 4282072376

■ 4280564994

■ 4282268991

■ 4280564992

■ 4282400069

■ 4282596683

■ 4282727761

■ 4282924375

# Harmonies

## Analogous

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



4282464539



4281416992



4280238124

# Triad

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



4281416992



4278468179



4283772216

# Complementary

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



4281416992



4281081917

# 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.



4283248454



4281416992



4280695382

# Square

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



4281416992



4278206537



4282201169



4283707177

# Rectangle

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



4281416992



4279189813



4282201169



4283641405



# Sweetspot

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



4281416992



4283060036



4282199072



4280690978



4289243304



4280887593



# Same Dimension

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



4281416992



4282142498



4280499488



4280098588



4281818624



4286766592



# Inverse Universe

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



4281081917



4281672271



4281999421



4280097823



4280746078



4284219614



# Previews

## White Background



This preview shows how the Android color 4281416992 looks on a white background.

## Color Contrast Check

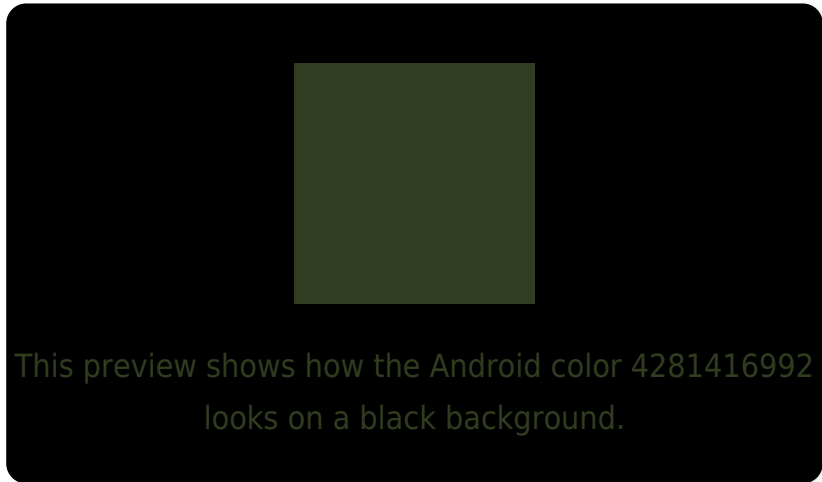
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281416992 Background



This preview shows how black text looks on a background with the Android color 4281416992.



This preview shows how white text looks on a background with the Android color 4281416992.

# 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](#).

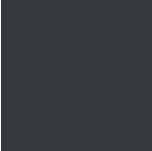
## Dichromacy



**Original Color**  
4281416992

**Protanopia**  
4282333471

**Deuteranopia**  
4282725922



**Tritanopia**  
4281678398

# Trichromacy



**Original Color**

4281416992

**Protanomaly**

4282006047

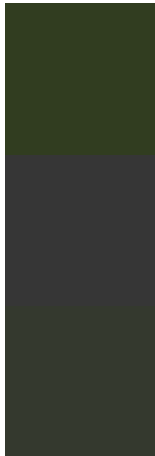
**Deuteranomaly**

4282267937

**Tritanomaly**

4281613107

# Monochromacy



**Original Color**

4281416992

**Achromatopsia**

4281742902

**Achromatomaly**

4281612590

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281416992 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(49, 61, 32)` looks like.

```
.text, #text, p{  
    color:rgb(49, 61, 32)  
}
```

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(49, 61, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 61, 32) }
```

## Border

The CSS property to change the border of an element to Android 4281416992 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(49, 61, 32) }
```

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

```
.border{ border-color:rgb(49, 61, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 61, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 61, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 61, 32);  
box-shadow:4px 4px 4px 4px rgb(49, 61, 32)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281416992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 61, 32) }
```

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

```
.background{ background-color: rgb(49, 61,  
32) }
```

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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