

# Converting Colors

Android(4281416492)

Have a look what the booklet for  
Android(4281416492) contains.

<b>Android(4281416492)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4281416492)**

# Conversions

## Conversions Part 1

Format	Color
Hex	313B2C
RGB	49, 59, 44
RGB Percent	19%, 23%, 17%
CMY	0.8078, 0.7686, 0.8275
CMYK	0.17, 0.00, 0.25, 0.77
HSL	100°, 15%, 20%
HSV	100°, 25%, 23%
XYZ	3.2852, 3.9627, 2.9746
YIQ	54.3000, -1.1450, -6.7850

# Conversions

## Conversions Part 2

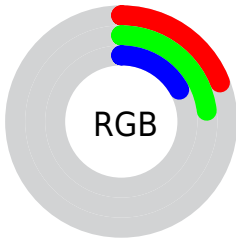
Format	Color
<a href="#">RYB</a>	<a href="#">44, 59, 54</a>
Decimal	<a href="#">3226412</a>
CIELab	<a href="#">23.55, -7.59, 7.95</a>
CIElCh	<a href="#">24, 10.994, 133.685</a>
Yxy	<a href="#">3.9627, 0.3214, 0.3876</a>
Android (android.graphics.Color)	<a href="#">4281416492</a> ( <a href="#">0xFF313B2C</a> )
YUV	<a href="#">54.3000, -5.0779, -4.6481</a>
Hunter-Lab	<a href="#">19.9066, -5.3786, 5.0751</a>

# Details

The Android color **4281416492** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4281740347**, and the grayscale version is **4281742902**.

A 20% lighter version of the original color is **4284443226**, and **4278194432** is the 20% darker color. If you saturate the color by 10%, you get **4281154342**, and if you desaturate by 10%, it is **4281678642**.

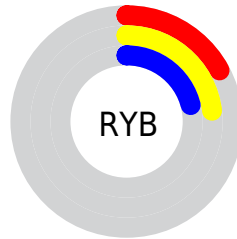
# Distribution



 Red (19%)

 Green (23%)

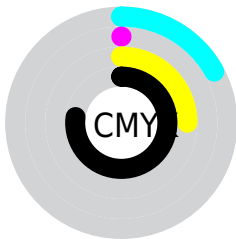
 Blue (17%)



 Red (17%)

 Yellow (23%)

 Blue (21%)

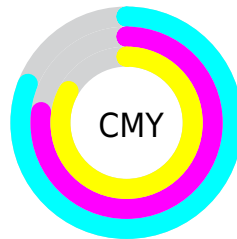


 Cyan (17%)

 Magenta (0%)

 Yellow (25%)

 Black (77%)



 Cyan (81%)

 Magenta (77%)

 Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281416492 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 4281416492 by changing the saturation by 10% instead.





4281416492



4281416492

4294967295



4280034583



4284443226



4278194432



4286088050



4278190080



4287798668



4289509542



4291351745



4293193949



4294967290



4281416492



4281416492

■ 4281154342

■ 4281678642

■ 4280892192

■ 4281940792

■ 4280630042

■ 4282202942

■ 4280367892

■ 4282465092

■ 4280105743

■ 4282727242

■ 4279843593

■ 4282989391

■ 4279581443

■ 4283251541

■ 4279515904

■ 4283448155

■ 4283710305

# Harmonies

## Analogous

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



4282005800



4281416492



4280826931

# Triad

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



4281416492



4280826440



4282987061

# Complementary

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



4281416492



4281740347

# 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.



4282790717



4281416492



4281546824

# Square

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



4281416492



4280368195



4282266948



4282922029

# Rectangle

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



4281416492



4280499513



4282266948



4282921527



# Sweetspot

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



4281416492



4282928454



4282070572



4280559138



4289111718



4280690214



# Same Dimension

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



4281416492



4282207541



4281088814



4280098588



4280245760



4283096576



# Inverse Universe

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



4281740347



4282725709



4282068024



4280163359



4282318942



4287889630



# Previews

## White Background



This preview shows how the Android color 4281416492 looks on a white background.

## Color Contrast Check

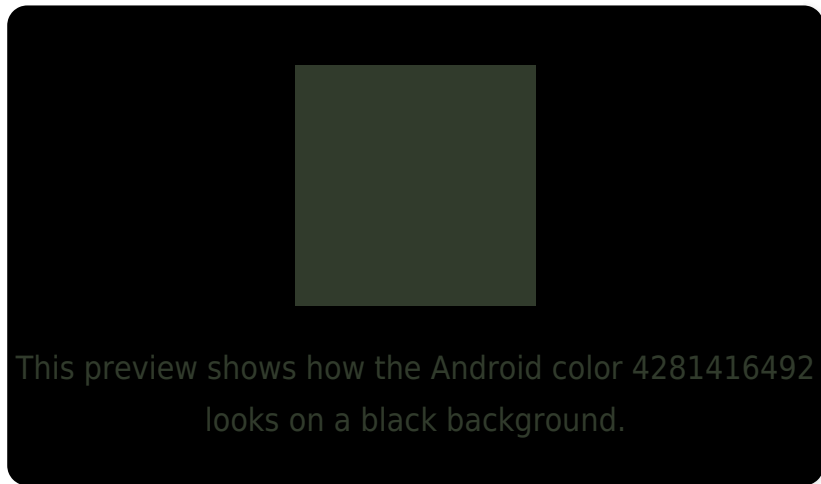
Large Text (above 18pt) WCAG AA ✓ Pass

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

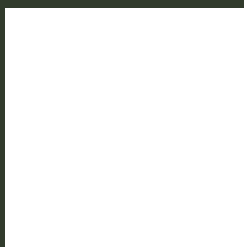
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Android 4281416492 Background



This preview shows how black text looks on a background with the Android color 4281416492.

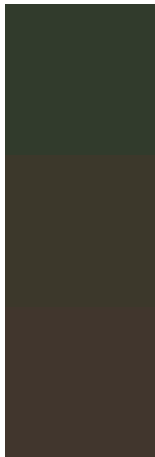


This preview shows how white text looks on a background with the Android color 4281416492.

# 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



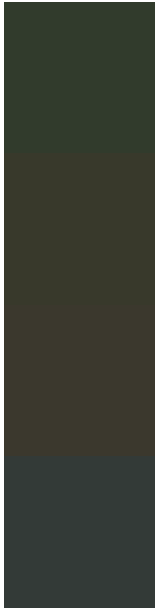
**Original Color**  
4281416492

**Protanopia**  
4282136619

**Deuteranopia**  
4282463789



# Trichromacy



**Original Color**

4281416492

**Protanomaly**

4281874731

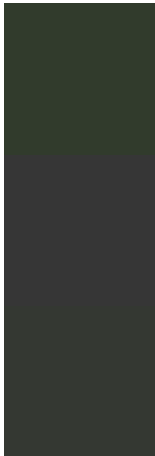
**Deuteranomaly**

4282071085

**Tritanomaly**

4281547319

# Monochromacy



**Original Color**

4281416492

**Achromatopsia**

4281742902

**Achromatomaly**

4281612338

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281416492 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, 59, 44)` looks like.

```
.text, #text, p{  
    color:rgb(49, 59, 44)  
}
```

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, 59, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 59, 44) }
```

## Border

The CSS property to change the border of an element to Android 4281416492 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, 59, 44) }
```

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

```
.border{ border-color:rgb(49, 59, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 59, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 59, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 59, 44);  
box-shadow:4px 4px 4px 4px rgb(49, 59, 44)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281416492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 59, 44) }
```

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

```
.background{ background-color: rgb(49, 59,  
44) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor