

# Converting Colors

Android(4282012716)

Have a look what the booklet for  
Android(4282012716) contains.

<b>Android(4282012716)</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(4282012716)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A542C
RGB	58, 84, 44
RGB Percent	23%, 33%, 17%
CMY	0.7725, 0.6706, 0.8275
CMYK	0.31, 0.00, 0.48, 0.67
HSL	99°, 31%, 25%
HSV	99°, 48%, 33%
XYZ	5.3699, 7.4220, 3.5324
YIQ	71.6660, -2.6560, -17.9520

# Conversions

## Conversions Part 2

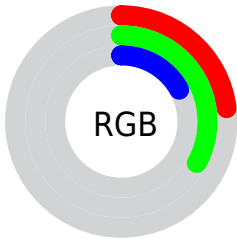
Format	Color
<b>RYB</b>	44, 84, 70
Decimal	3822636
CIELab	32.75, -18.27, 20.26
CIELCh	33, 27.281, 132.036
Yxy	7.4220, 0.3289, 0.4547
Android (android.graphics.Color)	4282012716 (0xFF3A542C)
YUV	71.6660, -13.6393, -11.9851
Hunter-Lab	27.2434, -12.4924, 11.3827

# Details

The Android color **4282012716** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4282788948**, and the grayscale version is **4282927176**.

A 20% lighter version of the original color is **4285171290**, and **4279248640** is the 20% darker color. If you saturate the color by 10%, you get **4281685028**, and if you desaturate by 10%, it is **4282340404**.

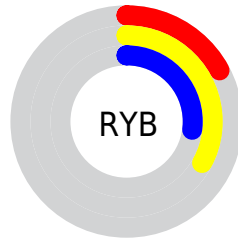
# Distribution



 Red (23%)

 Green (33%)

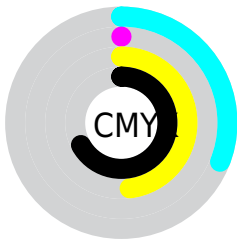
 Blue (17%)



 Red (17%)

 Yellow (33%)

 Blue (27%)

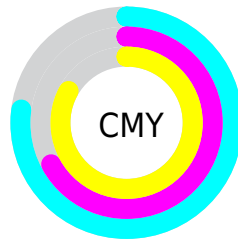


 Cyan (31%)

 Magenta (0%)

 Yellow (48%)

 Black (67%)



 Cyan (77%)

 Magenta (67%)

 Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282012716 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 4282012716 by changing the saturation by 10% instead.





4282012716



4282012716

4294967295



4280499479



4285171290



4279248640



4286881907



4278194432



4288592781



4278190080



4290434983



4292211651



4294115295



4294967291



4282012716



4282012716

■ 4281685028

■ 4282340404

■ 4281291803

■ 4282733629

■ 4280964115

■ 4283061317

■ 4280570890

■ 4283454542

■ 4280243202

■ 4283782230

■ 4280112128

■ 4284175454

■ 4284503143

■ 4284896367

■ 4285224056

# Harmonies

## Analogous

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



4283584290



4282012716



4279916351

# Triad

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



4282012716



4278211446



4285938501

# Complementary

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



4282012716



4282788948

# 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.



4285414747



4282012716



4281945207

# Square

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



4282012716



4278212457



4284105837



4285677617

# Rectangle

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



4282012716



4278212686



4284105837



4285872972



# Sweetspot

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



4282012716



4284771934



4283713068



4281481263



4290295992



4281874488



# Same Dimension

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



4282012716



4282740271



4281095218



4280690981



4280641792



4283557888



# Inverse Universe

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



4282788948



4283969390



4283706446



4280755497



4282646633

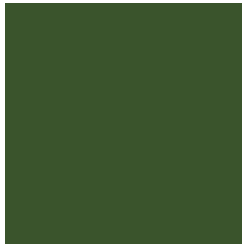


4288086248



# Previews

## White Background



This preview shows how the Android color 4282012716 looks on a white background.

## Color Contrast Check

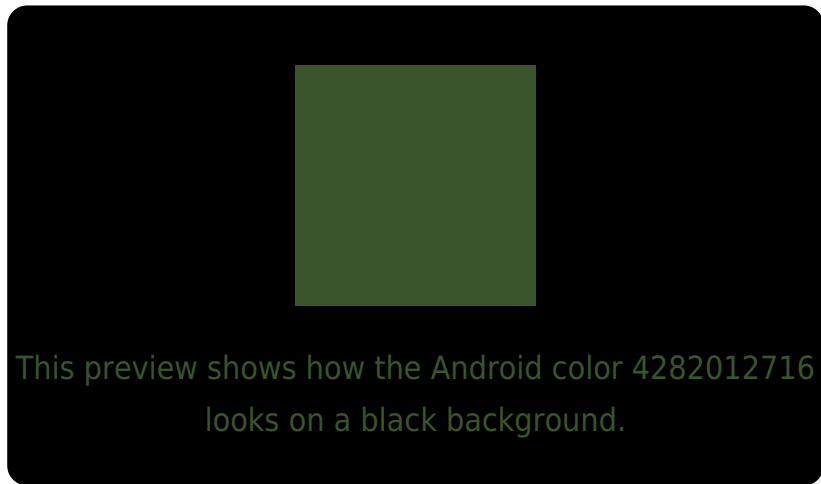
Large Text (above 18pt) WCAG AA ✓ Pass

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

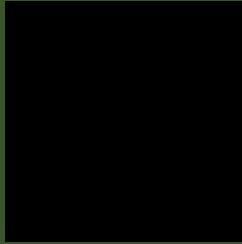
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282012716 Background



This preview shows how black text looks on a background with the Android color 4282012716.



This preview shows how white text looks on a background with the Android color 4282012716.

# 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**  
4282012716

**Protanopia**  
4283780393

**Deuteranopia**  
4284303663



# Trichromacy



**Original Color**  
4282012716

**Protanomaly**  
4283125802

**Deuteranomaly**  
4283452718

**Tritanomaly**  
4282274119

# Monochromacy



**Original Color**  
4282012716

**Achromatopsia**  
4282927176

**Achromatomaly**  
4282600510

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282012716 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(58, 84, 44)` looks like.

```
.text, #text, p{  
    color:rgb(58, 84, 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(58, 84, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 84, 44) }
```

## Border

The CSS property to change the border of an element to Android 4282012716 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(58, 84, 44) }
```

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

```
.border{ border-color:rgb(58, 84, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 84, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 84, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 84, 44);  
box-shadow:4px 4px 4px 4px rgb(58, 84, 44)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282012716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 84, 44) }
```

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

```
.background{ background-color: rgb(58, 84,  
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