

# Converting Colors

Android(4284972321)

Have a look what the booklet for  
Android(4284972321) contains.

<b>Android(4284972321)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4284972321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	677D21
RGB	103, 125, 33
RGB Percent	40%, 49%, 13%
CMY	0.5961, 0.5098, 0.8706
CMYK	0.18, 0.00, 0.74, 0.51
HSL	74°, 58%, 31%
HSV	74°, 74%, 49%
XYZ	13.2016, 17.6606, 4.1519
YIQ	107.9340, 16.4200, -33.2760

# Conversions

## Conversions Part 2

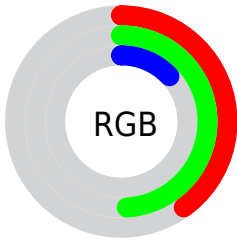
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 125, 55
Decimal	6782241
CIELab	49.08, -21.58, 44.89
CIELCh	49, 49.812, 115.678
Yxy	17.6606, 0.3770, 0.5044
Android (android.graphics.Color)	4284972321 (0xFF677D21)
YUV	107.9340, -36.9425, -4.3271
Hunter-Lab	42.0245, -17.4686, 23.5595

# Details

The Android color `4284972321` is a dark color, and the websafe version is hex `666600`. A complement of this color would be `4281803133`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4288524884`, and `4281617408` is the 20% darker color. If you saturate the color by 10%, you get `4284775701`, and if you desaturate by 10%, it is `4285168942`.

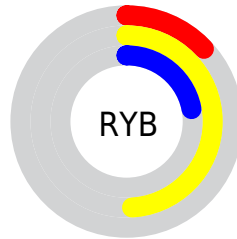
# Distribution



Red (40%)

Green (49%)

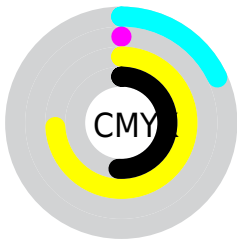
Blue (13%)



Red (13%)

Yellow (49%)

Blue (22%)

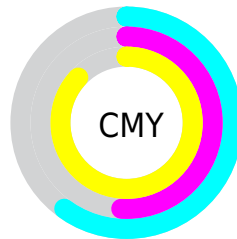


Cyan (18%)

Magenta (0%)

Yellow (74%)

Black (51%)



Cyan (60%)

Magenta (51%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284972321 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 4284972321 by changing the saturation by 10% instead.





4284972321



4284972321

4294967295



4283261954



4288524884



4281617408



4290301294



4279973120



4292209032



4278198272



4294115235



4278190080



4294967231



4294967259



4294967288



4284972321



4284972321

■ 4284775701

■ 4285168942

■ 4284579080

■ 4285365562

■ 4284448000

■ 4285562183

■ 4285758803

■ 4285955424

■ 4286152044

■ 4286348665

■ 4286545285

■ 4286741906

# Harmonies

## Analogous

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



4287655960



4284972321



4281173315

# Triad

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



4284972321



4278224314



4290596221

# Complementary

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



4284972321



4281803133

# 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.



4288830117



4284972321



4278221769

# Square

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



4284972321



4278225304



4285164737



4290793811

# Rectangle

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



4284972321



4278224990



4285164737



4290203787



# Sweetspot

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



4284972321



4288390015



4286395937



4283257404



4291940817



4283585106



# Same Dimension

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



4284972321



4286685972



4282023201



4282269753



4284579840



4278190080



# Inverse Universe

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



4281803133



4281734307



4284752253



4282071360



4280156288



4278190080



# Previews

## White Background



This preview shows how the Android color 4284972321 looks on a white background.

## Color Contrast Check

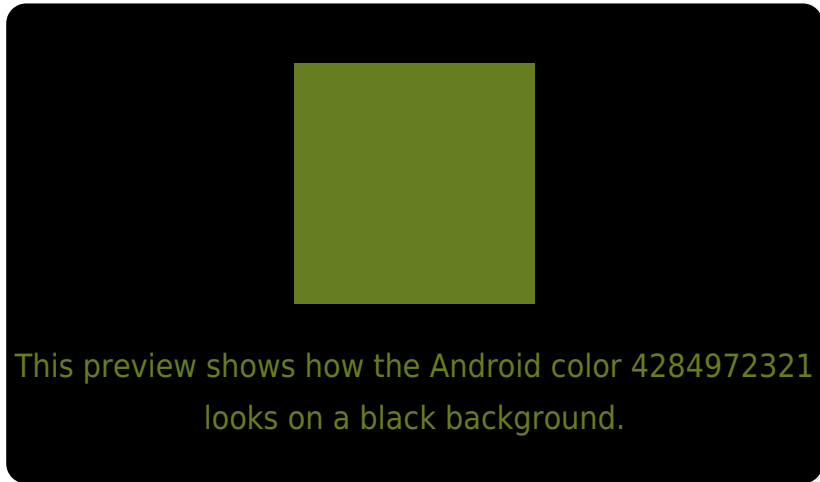
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



# Android 4284972321 Background



This preview shows how black text looks on a background with the Android color 4284972321.



This preview shows how white text looks on a background with the Android color 4284972321.

# 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**  
4284972321

**Protanopia**  
4286805279

**Deuteranopia**  
4287786791



# Trichromacy



**Original Color**  
4284972321

**Protanomaly**  
4286150688

**Deuteranomaly**  
4286739493

**Tritanomaly**  
4285364316

# Monochromacy



**Original Color**  
4284972321

**Achromatopsia**  
4285295724

**Achromatomaly**  
4285166161

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284972321 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(103, 125, 33)` looks like.

```
.text, #text, p{  
    color:rgb(103, 125, 33)  
}
```

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(103, 125, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 125, 33) }
```

## Border

The CSS property to change the border of an element to Android 4284972321 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(103, 125, 33) }
```

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

```
.border{ border-color:rgb(103, 125, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 125, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 125, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 125, 33);  
box-shadow:4px 4px 4px 4px rgb(103, 125,  
33) }
```

# Background

The CSS property to change the background color of an element to Android 4284972321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 125, 33) }
```

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

```
.background{ background-color: rgb(103,  
125, 33) }
```

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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