

# Converting Colors

Android(4285173274)

Have a look what the booklet for  
Android(4285173274) contains.

<b>Android(4285173274)</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(4285173274)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A8E1A
RGB	106, 142, 26
RGB Percent	42%, 56%, 10%
CMY	0.5843, 0.4431, 0.8980
CMYK	0.25, 0.00, 0.82, 0.44
HSL	79°, 69%, 33%
HSV	79°, 82%, 56%
XYZ	15.8033, 22.4848, 4.4844
YIQ	118.0120, 15.7800, -43.7080

# Conversions

## Conversions Part 2

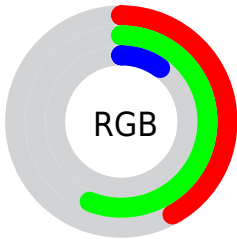
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 142, 62
Decimal	6983194
CIE <sub>Lab</sub>	54.54, -29.10, 52.55
CIE <sub>LCh</sub>	55, 60.068, 118.977
Yxy	22.4848, 0.3695, 0.5257
Android (android.graphics.Color)	4285173274 (0xFF6A8E1A)
YUV	118.0120, -45.3619, -10.5345
Hunter-Lab	47.4181, -23.4919, 27.5856

# Details

The Android color `4285173274` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4282260110`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4288791633`, and `4281686784` is the 20% darker color. If you saturate the color by 10%, you get `4284911116`, and if you desaturate by 10%, it is `4285435432`.

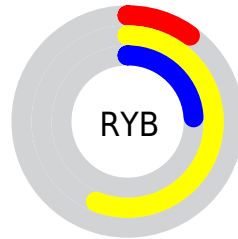
# Distribution



Red (42%)

Green (56%)

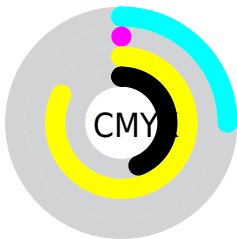
Blue (10%)



Red (10%)

Yellow (56%)

Blue (24%)

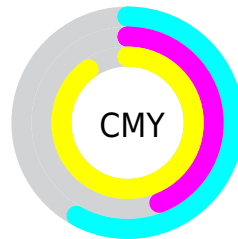


Cyan (25%)

Magenta (0%)

Yellow (82%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285173274 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 4285173274 by changing the saturation by 10% instead.





4285173274



4285173274

4294967295



4283397120



4288791633



4281686784



4290633836



4279911424



4292476294



4278201600



4294442914



4278196224



4294967230



4278190080



4294967258



4294967287



4285173274



4285173274

■ 4284911116

■ 4285435432

■ 4284648960

■ 4285763126

■ 4286025285

■ 4286352979

■ 4286615137

■ 4286877295

■ 4287204989

■ 4287467148

■ 4287794842

# Harmonies

## Analogous

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



4288511744



4285173274



4278425418

# Triad

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



4285173274



4278228443



4292628102

# Complementary

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



4285173274



4282260110

# 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.



4290731705



4285173274



4278225387

# Square

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



4285173274



4278229683



4286477790



4292630099

# Rectangle

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



4285173274



4278229613



4286477790



4292235672



# Sweetspot

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



4285173274



4289312906



4287511834



4283653184



4292598747



4284243036



# Same Dimension

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



4285173274



4286625796



4281437722



4282730304



4284319488



4278519808



# Inverse Universe

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



4282260110



4282123448



4285995662



4282531911



4280942727



4278321160



# Previews

## White Background



This preview shows how the Android color 4285173274 looks on a white background.

## Color Contrast Check

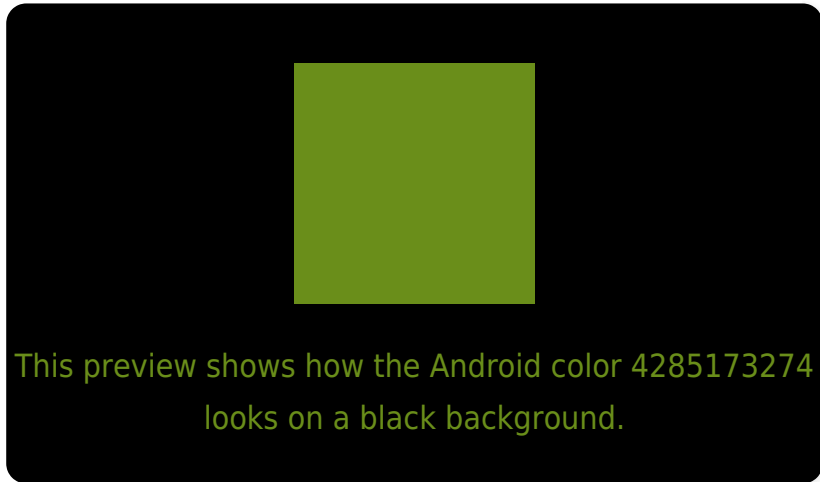
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

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 4285173274 Background



This preview shows how black text looks on a background with the Android color 4285173274.



This preview shows how white text looks on a background with the Android color 4285173274.

# 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**  
[4285173274](#)

**Protanopia**  
[4287857175](#)

**Deuteranopia**  
[4288903972](#)



# Trichromacy



**Original Color**  
4285173274

**Protanomaly**  
4286875160

**Deuteranomaly**  
4287529504

**Tritanomaly**  
4285696100

# Monochromacy



**Original Color**  
4285173274

**Achromatopsia**  
4285953654

**Achromatomaly**  
4285693781

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285173274 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(106, 142, 26)` looks like.

```
.text, #text, p{  
    color:rgb(106, 142, 26)  
}
```

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(106, 142, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 142, 26) }
```

## Border

The CSS property to change the border of an element to Android 4285173274 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(106, 142, 26) }
```

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

```
.border{ border-color:rgb(106, 142, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 142, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 142, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 142, 26);  
box-shadow:4px 4px 4px 4px rgb(106, 142,  
26) }
```

# Background

The CSS property to change the background color of an element to Android 4285173274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 142, 26) }
```

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

```
.background{ background-color: rgb(106,  
142, 26) }
```

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