

# Converting Colors

Android(4284784191)

Have a look what the booklet for  
Android(4284784191) contains.

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# Color

**Android(4284784191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	649E3F
RGB	100, 158, 63
RGB Percent	39%, 62%, 25%
CMY	0.6078, 0.3804, 0.7529
CMYK	0.37, 0.00, 0.60, 0.38
HSL	97°, 43%, 43%
HSV	97°, 60%, 62%
XYZ	18.3796, 27.5219, 9.0462
YIQ	129.8280, -4.0730, -41.8410

# Conversions

## Conversions Part 2

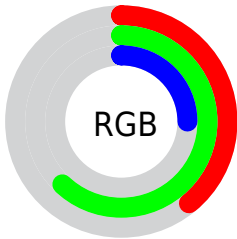
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 158, 121
Decimal	6594111
CIELab	59.45, -36.10, 42.82
CIELCh	59, 56.008, 130.129
Yxy	27.5219, 0.3345, 0.5009
Android (android.graphics.Color)	4284784191 (0xFF649E3F)
YUV	129.8280, -32.9462, -26.1592
Hunter-Lab	52.4613, -29.2707, 26.4993

# Details

The Android color `4284784191` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4286136222`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4288337266`, and `4281297416` is the 20% darker color. If you saturate the color by 10%, you get `4284128815`, and if you desaturate by 10%, it is `4285439567`.

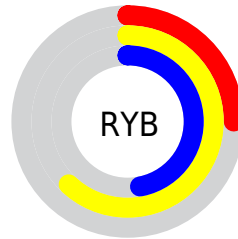
# Distribution



Red (39%)

Green (62%)

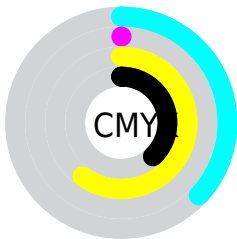
Blue (25%)



Red (25%)

Yellow (62%)

Blue (47%)

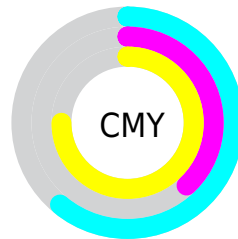


Cyan (37%)

Magenta (0%)

Yellow (60%)

Black (38%)



Cyan (61%)

Magenta (38%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284784191 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 4284784191 by changing the saturation by 10% instead.





4284784191



4284784191

4294967295



4283008038



4288337266



4281297416



4290179724



4279259392



4292083624



4278204928



4293984195



4278199552



4294967264



4278190080

4294967293



4284784191



4284784191



4284128815



4285439567

■ 4283538975

■ 4286029407

■ 4282883600

■ 4286684782

■ 4282293760

■ 4287340158

■ 4287929998

■ 4288585374

■ 4289240750

■ 4289830589

■ 4290485965

# Harmonies

## Analogous

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



4288320036



4284784191



4278232428

# Triad

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



4284784191



4278230507



4293484928

# Complementary

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



4284784191



4286136222

# 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.



4292307122



4284784191



4283207664

# Square

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



4284784191



4278232525



4289166299



4292898130

# Rectangle

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



4284784191



4278232974



4289166299



4293288337



# Sweetspot

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



4284784191



4290301865



4288575551



4284180818



4293454056



4285098345



# Same Dimension

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



4284784191



4285845306



4282359368



4283060039



4281896704



4278587136



# Inverse Universe

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



4286136222



4287969999



4288561045



4283189071



4283891855



4278779919



# Previews

## White Background



This preview shows how the Android color 4284784191 looks on a white background.

## Color Contrast Check

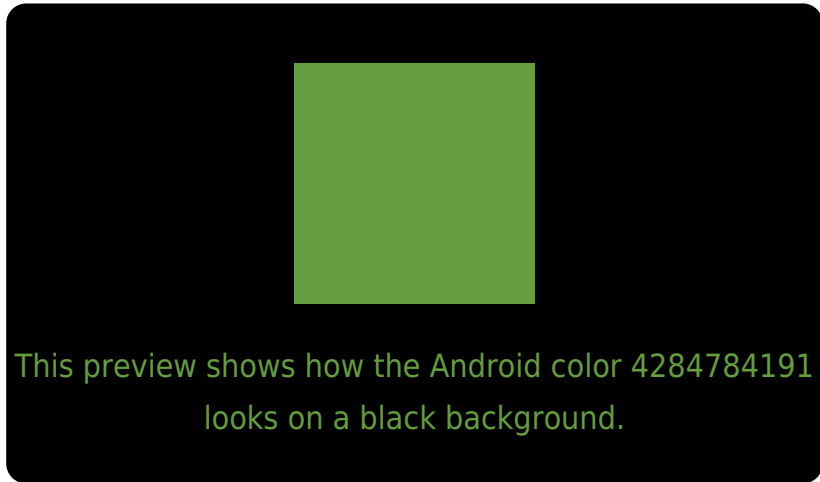
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284784191 Background



This preview shows how black text looks on a background with the Android color 4284784191.



This preview shows how white text looks on a background with the Android color 4284784191.

# 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





# Trichromacy



**Original Color**  
4284784191

**Protanomaly**  
4287271996

**Deuteranomaly**  
4287926339

**Tritanomaly**  
4285438077

# Monochromacy



**Original Color**  
4284784191

**Achromatopsia**  
4286743170

**Achromatomaly**  
4286024810

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284784191 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(100, 158, 63)` looks like.

```
.text, #text, p{  
    color:rgb(100, 158, 63)  
}
```

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(100, 158, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 158, 63) }
```

## Border

The CSS property to change the border of an element to Android 4284784191 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(100, 158, 63) }
```

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

```
.border{ border-color:rgb(100, 158, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 158, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 158, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 158, 63);  
box-shadow:4px 4px 4px 4px rgb(100, 158,  
63) }
```

# Background

The CSS property to change the background color of an element to Android 4284784191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 158, 63) }
```

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

```
.background{ background-color: rgb(100,  
158, 63) }
```

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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