

# Converting Colors

Android(4284118344)

Have a look what the booklet for  
Android(4284118344) contains.

|  |    |
|--|----|
| <b>Android(4284118344)</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(4284118344)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 5A7548                      |
| RGB         | 90, 117, 72                 |
| RGB Percent | 35%, 46%, 28%               |
| CMY         | 0.6471, 0.5412, 0.7176      |
| CMYK        | 0.23, 0.00, 0.38, 0.54      |
| HSL         | 96°, 24%, 37%               |
| HSV         | 96°, 38%, 46%               |
| XYZ         | 11.7474, 15.3641, 8.4773    |
| YIQ         | 103.7970, -1.6470, -19.7190 |

# Conversions

## Conversions Part 2

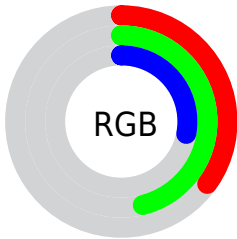
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 72, 117, 99                     |
| Decimal                             | 5928264                         |
| CIELab                              | 46.13, -18.74, 21.72            |
| CIELCh                              | 46, 28.683, 130.785             |
| Yxy                                 | 15.3641, 0.3301,<br>0.4317      |
| Android<br>(android.graphics.Color) | 4284118344<br>(0xFF5A7548)      |
| YUV                                 | 103.7970, -15.6759,<br>-12.1000 |
| Hunter-Lab                          | 39.1971, -15.0981,<br>14.6151   |

# Details

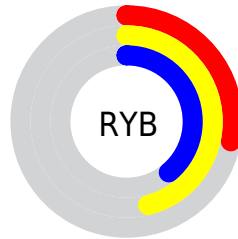
The Android color `4284118344` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4284696693`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4287474041`, and `4281025819` is the 20% darker color. If you saturate the color by 10%, you get `4283659580`, and if you desaturate by 10%, it is `4284577108`.

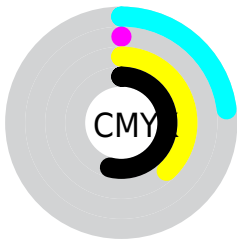
# Distribution



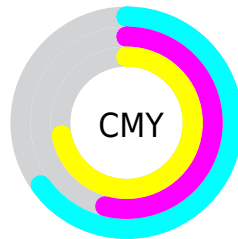
- Red (35%)
- Green (46%)
- Blue (28%)



- Red (28%)
- Yellow (46%)
- Blue (39%)



- Cyan (23%)
- Magenta (0%)
- Yellow (38%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284118344 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 4284118344 by changing the saturation by 10% instead.





4284118344



4284118344

4294967295



4282539057



4287474041



4281025819



4289250707



4279578115



4291027374



4278196992



4292869577



4278190080



4294770661



4284118344



4284118344



4283659580



4284577108



4283200817



4285035871

■ 4282742053

■ 4285494635

■ 4282283289

■ 4285953399

■ 4281824526

■ 4286412163

■ 4281365762

■ 4286870926

■ 4281300224

■ 4287329690

■ 4287788454

■ 4288247217

# Harmonies

## Analogous

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



4285820733



4284118344



4282087773

# Triad

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



4284118344



4281103514



4288436837

# Complementary

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



4284118344



4284696693

# 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.



4287782014



4284118344



4283985308

# Square

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



4284118344



4278221196



4286276754



4288175951

# Rectangle

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



4284118344



4280449645



4286276754



4288305774



# Sweetspot

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



4284118344



4287535495



4285883208



4282797378



4291611852



4283256141



# Same Dimension

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



4284118344



4285503827



4282938700



4281809717



4281432576



4284807680



# Inverse Universe

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



4284696693



4286403481



4285876337



4281873723



4282974330



4288020730



# Previews

## White Background



This preview shows how the Android color 4284118344 looks on a white background.

## Color Contrast Check

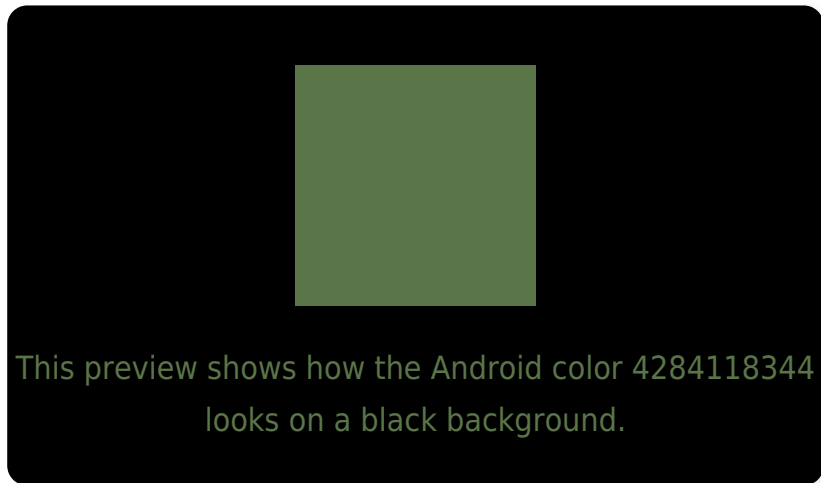
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 4284118344 Background



This preview shows how black text looks on a background with the Android color 4284118344.



This preview shows how white text looks on a background with the Android color 4284118344.

# 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**

4284118344

**Protanopia**

4286016837

**Deuteranopia**

4286736459



# Trichromacy



**Original Color**  
4284118344

**Protanomaly**  
4285296710

**Deuteranomaly**  
4285754698

**Tritanomaly**  
4284379495

# Monochromacy



**Original Color**  
4284118344

**Achromatopsia**  
4285032552

**Achromatomaly**  
4284706140

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284118344 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(90, 117, 72)` looks like.

```
.text, #text, p{  
    color:rgb(90, 117, 72)  
}
```

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(90, 117, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 117, 72) }
```

## Border

The CSS property to change the border of an element to Android 4284118344 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(90, 117, 72) }
```

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

```
.border{ border-color:rgb(90, 117, 72) }
```

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

Here you see how a box with a 4 pixel rgb(90, 117, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 117, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 117, 72);  
box-shadow:4px 4px 4px 4px rgb(90, 117,  
72) }
```

# Background

The CSS property to change the background color of an element to Android 4284118344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 117, 72) }
```

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

```
.background{ background-color: rgb(90, 117,  
72) }
```

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