

# Converting Colors

Android(4284645640)

Have a look what the booklet for  
Android(4284645640) contains.

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# Color

**Android(4284645640)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 628108                      |
| RGB         | 98, 129, 8                  |
| RGB Percent | 38%, 51%, 3%                |
| CMY         | 0.6157, 0.4941, 0.9686      |
| CMYK        | 0.24, 0.00, 0.94, 0.49      |
| HSL         | 75°, 88%, 27%               |
| HSV         | 75°, 94%, 51%               |
| XYZ         | 12.9311, 18.3147, 3.0833    |
| YIQ         | 105.9370, 20.3650, -44.2030 |

# Conversions

## Conversions Part 2

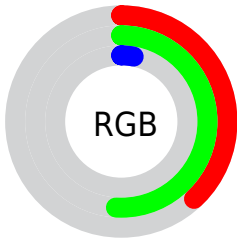
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">8, 129, 39</a>                  |
| Decimal                             | <a href="#">6455560</a>                     |
| CIELab                              | <a href="#">49.88, -26.79, 52.62</a>        |
| CIELCh                              | <a href="#">50, 59.044, 116.980</a>         |
| Yxy                                 | <a href="#">18.3147, 0.3767, 0.5335</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4284645640</a><br>(0xFF628108)  |
| YUV                                 | <a href="#">105.9370, -48.2829, -6.9607</a> |
| Hunter-Lab                          | <a href="#">42.7957, -20.9572, 25.6853</a>  |

# Details

The Android color `4284645640` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4280748161`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4288198213`, and `4281290752` is the 20% darker color. If you saturate the color by 10%, you get `4284514560`, and if you desaturate by 10%, it is `4284842261`.

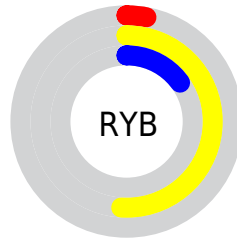
# Distribution



Red (38%)

Green (51%)

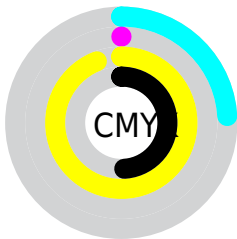
Blue (3%)



Red (3%)

Yellow (51%)

Blue (15%)

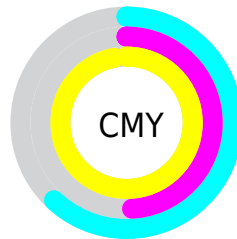


Cyan (24%)

Magenta (0%)

Yellow (94%)

Black (49%)



Cyan (62%)

Magenta (49%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284645640 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 4284645640 by changing the saturation by 10% instead.





4284645640



4284645640

4294967295



4282935296



4288198213



4281290752



4290040415



4279384064



4291948154



4278199040



4293853077



4278190080



4294967216



4294967245



4294967273



4284645640



4284645640

■ 4284514560

■ 4284842261

■ 4285104418

■ 4285301039

■ 4285497660

■ 4285759816

■ 4285956437

■ 4286153058

■ 4286349679

■ 4286611836

# Harmonies

## Analogous

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



4287853312



4284645640



4278225212

# Triad

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



4284645640



4278225354



4291576702

# Complementary

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



4284645640



4280748161

# 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.



4289615022



4284645640



4278222555

# Square

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



4284645640



4278226339



4285230033



4291643724

# Rectangle

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



4284645640



4278226014



4285230033



4291118735



# Sweetspot

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



4284645640



4288456825



4286653960



4283257912



4292138196



4283716692



# Same Dimension

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



4284645640



4286425088



4280713480



4282269753



4284448768



4278190080



# Inverse Universe

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



4280748161



4281008296



4284680321



4282071360



4280352896



4278190080



# Previews

## White Background



This preview shows how the Android color 4284645640 looks on a white background.

## Color Contrast Check

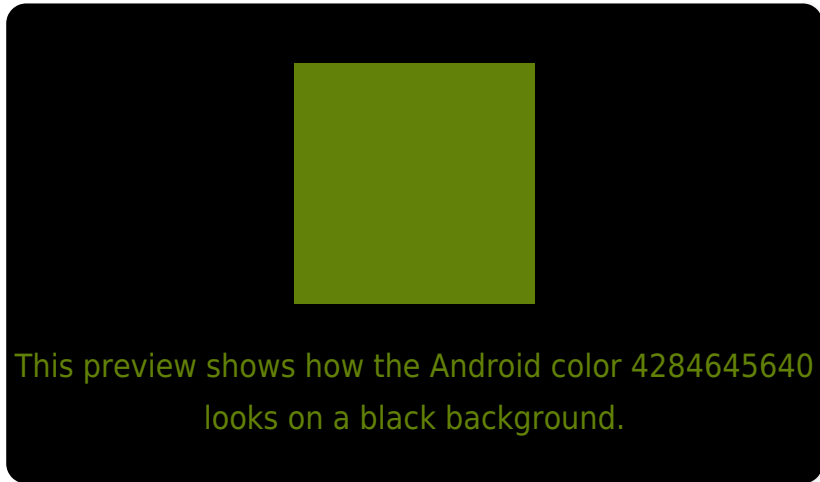
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284645640 Background



This preview shows how black text looks on a background with the Android color 4284645640.



This preview shows how white text looks on a background with the Android color 4284645640.

# 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**  
4284645640

**Protanopia**  
4287002368

**Deuteranopia**  
4287983641



# Trichromacy



**Original Color**  
4284645640

**Protanomaly**  
4286151427

**Deuteranomaly**  
4286739987

**Tritanomaly**  
4285102933

# Monochromacy



**Original Color**  
4284645640

**Achromatopsia**  
4285164138

**Achromatomaly**  
4284969542

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284645640 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(98, 129, 8)` looks like.

```
.text, #text, p{  
    color:rgb(98, 129, 8)  
}
```

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(98, 129, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 129, 8) }
```

## Border

The CSS property to change the border of an element to Android 4284645640 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(98, 129, 8) }
```

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

```
.border{ border-color:rgb(98, 129, 8) }
```

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

Here you see how a box with a 4 pixel rgb(98, 129, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 129, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 129, 8);  
box-shadow:4px 4px 4px 4px rgb(98, 129, 8)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284645640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 129, 8) }
```

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

```
.background{ background-color: rgb(98, 129,  
8) }
```

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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