

Converting Colors

Android(4284847742)

Have a look what the booklet for
Android(4284847742) contains.

| | |
|--|----|
| Android(4284847742) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4284847742)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 65967E |
| RGB | 101, 150, 126 |
| RGB Percent | 40%, 59%, 49% |
| CMY | 0.6039, 0.4118, 0.5059 |
| CMYK | 0.33, 0.00, 0.16, 0.41 |
| HSL | 151°, 20%, 49% |
| HSV | 151°, 33%, 59% |
| XYZ | 20.0391, 26.0858, 23.7175 |
| YIQ | 132.6130, -21.5000, -17.8520 |

Conversions

Conversions Part 2

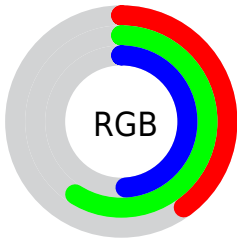
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 101, 133, 150 |
| Decimal | 6657662 |
| CIELab | 58.12, -21.89, 7.45 |
| CIELCh | 58, 23.121, 161.195 |
| Yxy | 26.0858, 0.2869, 0.3735 |
| Android (android.graphics.Color) | 4284847742 (0xFF65967E) |
| YUV | 132.6130, -3.2602, -27.7246 |
| Hunter-Lab | 51.0742, -19.3450, 8.2192 |

Details

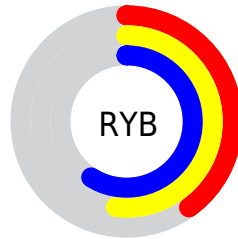
The Android color `4284847742` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4288046461`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4288269491`, and `4281557837` is the 20% darker color. If you saturate the color by 10%, you get `4283864695`, and if you desaturate by 10%, it is `4285830789`.

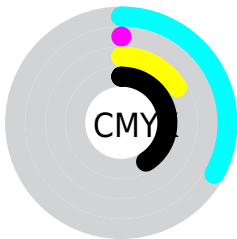
Distribution



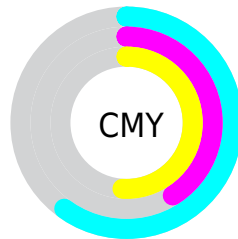
- Red (40%)
- Green (59%)
- Blue (49%)



- Red (40%)
- Yellow (52%)
- Blue (59%)



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284847742 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 4284847742 by changing the saturation by 10% instead.



4284847742



4284847742

4294967295



4283202661



4288269491



4281557837



4290111950



4279978806



4291952618



4278203425



4293787647



4278198026



4278190080



4284847742



4284847742



4283864695



4285830789



4282881647



4286813837

■ 4281898600

■ 4287796884

■ 4280915553

■ 4288779931

■ 4279932505

■ 4289762979

■ 4278949458

■ 4290746026

■ 4278228557

■ 4291729073

■ 4292712121

■ 4293695168

Harmonies

Analogous

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



4286354029



4284847742



4283668371

Triad

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



4284847742



4286417843



4289888370

Complementary

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



4284847742



4288046461

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.



4290018693



4284847742



4288185514

Square

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



4284847742



4284584369



4289494681



4289103462

Rectangle

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



4284847742



4283340448



4289494681



4290019192

Sweetspot

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



4284847742



4289643192



4286486117



4283785563



4292927712



4284572001

Same Dimension

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



4284847742



4285973149



4284847766



4282600006



4278225478



4278192645

Inverse Universe

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



4288046461



4290934427



4288046437



4283056966



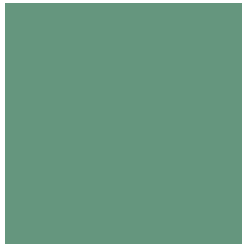
4287234115



4278845445

Previews

White Background



This preview shows how the Android color 4284847742 looks on a white background.

Color Contrast Check

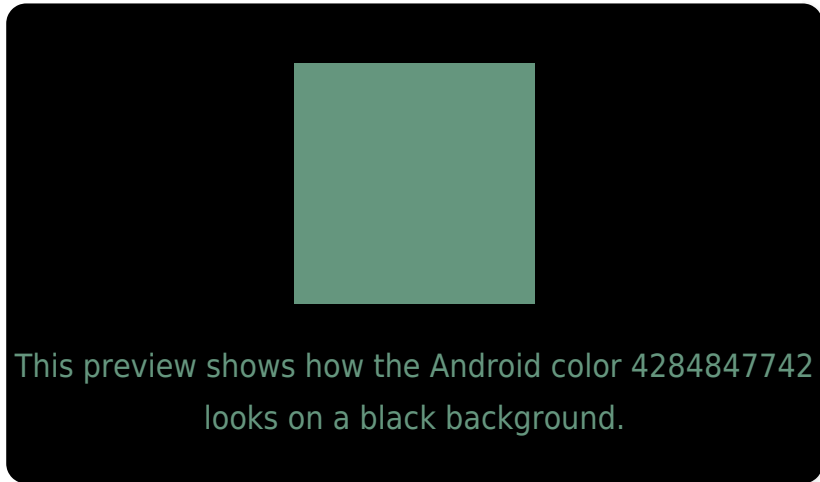
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284847742 Background



This preview shows how black text looks on a background with the Android color 4284847742.



This preview shows how white text looks on a background with the Android color 4284847742.

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
4284847742

Protanopia
4287794040

Deuteranopia
4288448129

Trichromacy



Original Color
4284847742

Protanomaly
4286746490

Deuteranomaly
4287138944

Tritanomaly
4285109138

Monochromacy



Original Color
4284847742

Achromatopsia
4286940549

Achromatomaly
4286155650

CSS Examples

Text

The CSS property to change the color of the text to Android 4284847742 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(101, 150, 126)` looks like.

```
.text, #text, p{  
    color:rgb(101, 150, 126)  
}
```

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(101, 150, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 150, 126) }
```

Border

The CSS property to change the border of an element to Android 4284847742 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(101, 150, 126) }
```

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

```
.border{ border-color:rgb(101, 150, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 150, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 150, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 150, 126);  
box-shadow:4px 4px 4px 4px rgb(101, 150,  
126) }
```

Background

The CSS property to change the background color of an element to Android 4284847742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 150, 126) }
```

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

```
.background{ background-color: rgb(101,  
150, 126) }
```

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