

Converting Colors

Android(4284767863)

Have a look what the booklet for
Android(4284767863) contains.

Android(4284767863)	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(4284767863)

Conversions

Conversions Part 1

Format	Color
Hex	645E77
RGB	100, 94, 119
RGB Percent	39%, 37%, 47%
CMY	0.6078, 0.6314, 0.5333
CMYK	0.16, 0.21, 0.00, 0.53
HSL	254°, 12%, 42%
HSV	254°, 21%, 47%
XYZ	12.5880, 12.0466, 19.1145
YIQ	98.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

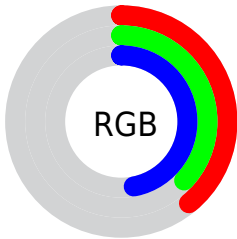
Format	Color
R_{YB}	100, 94, 119
Decimal	6577783
CIE _{Lab}	41.29, 7.92, -13.21
CIE _{LCh}	41, 15.405, 300.958
Yxy	12.0466, 0.2877, 0.2754
Android (android.graphics.Color)	4284767863 (0xFF645E77)
YUV	98.6440, 10.0355, 1.1892
Hunter-Lab	34.7083, 3.9990, -8.3564

Details

The Android color `4284767863` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4285626206`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4288123051`, and `4281675847` is the 20% darker color. If you saturate the color by 10%, you get `4284174967`, and if you desaturate by 10%, it is `4285360759`.

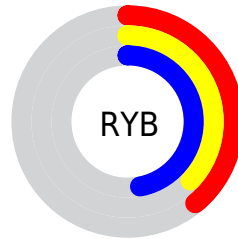
Distribution



Red (39%)

Green (37%)

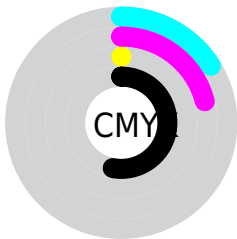
Blue (47%)



Red (39%)

Yellow (37%)

Blue (47%)

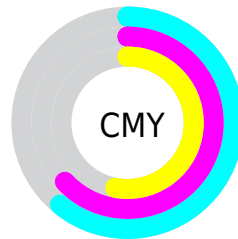


Cyan (16%)

Magenta (21%)

Yellow (0%)

Black (53%)



Cyan (61%)

Magenta (63%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284767863 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 4284767863 by changing the saturation by 10% instead.



4284767863



4284767863

4294967295



4283188830



4288123051



4281675847



4289899463



4280228656



4291675875



4278845468



4293583615



4278190080



4284767863



4284767863



4284174967



4285360759



4283582071



4285953655



4282989175



4286546551

■ 4282396279

■ 4287139447

■ 4281803639

■ 4287732343

■ 4281210743

■ 4288324983

■ 4280617847

■ 4288917879

■ 4280090743

■ 4289510775

■ 4290103671

Harmonies

Analogous

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



4283654778



4284767863



4285684334

Triad

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



4284767863



4285881420



4282542433

Complementary

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



4284767863



4285626206

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.



4283328341



4284767863



4285161800

Square

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



4284767863



4286273877



4284310860



4282214510

Rectangle

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



4284767863



4286077286



4284310860



4282804317

Sweetspot

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



4284767863



4287926940



4284379511



4283124303



4291809231



4283387727

Same Dimension

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



4284767863



4286477724



4285554295



4281742651



4280090746



4282122490

Inverse Universe

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



4286013041



4288443794



4284839774



4282070329



4286185565



4294574270

Previews

White Background



This preview shows how the Android color 4284767863 looks on a white background.

Color Contrast Check

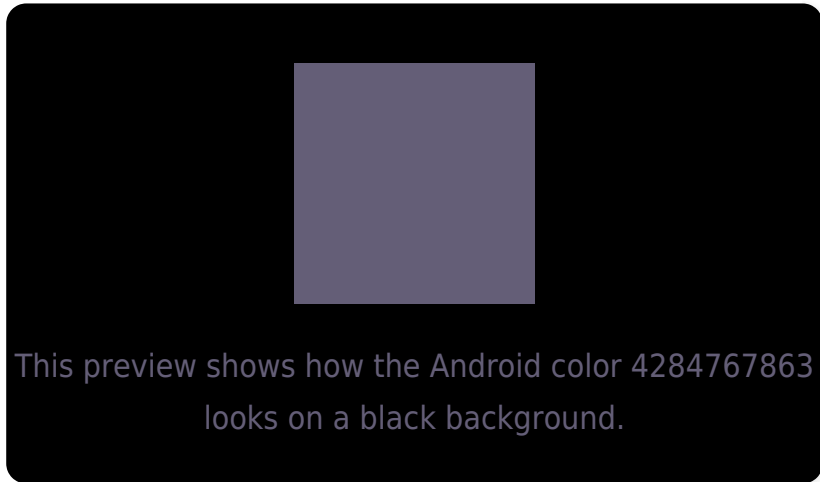
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284767863 Background



This preview shows how black text looks on a background with the Android color 4284767863.



This preview shows how white text looks on a background with the Android color 4284767863.

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

4284767863

Protanopia

4284244089

Deuteranopia

4284505975

Trichromacy



Original Color

4284767863

Protanomaly

4284440440

Deuteranomaly

4284571511

Tritanomaly

4284637293

Monochromacy



Original Color

4284767863

Achromatopsia

4284703587

Achromatomaly

4284703082

CSS Examples

Text

The CSS property to change the color of the text to Android 4284767863 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, 94, 119)` looks like.

```
.text, #text, p{  
    color:rgb(100, 94, 119)  
}
```

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, 94, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 94, 119) }
```

Border

The CSS property to change the border of an element to Android 4284767863 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, 94, 119) }
```

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

```
.border{ border-color:rgb(100, 94, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 94, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 94, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 94, 119);  
box-shadow:4px 4px 4px 4px rgb(100, 94,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4284767863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 94, 119) }
```

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

```
.background{ background-color: rgb(100, 94,  
119) }
```

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