

Converting Colors

Android(4284174963)

Have a look what the booklet for
Android(4284174963) contains.

Android(4284174963)	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(4284174963)

Conversions

Conversions Part 1

Format	Color
Hex	5B5273
RGB	91, 82, 115
RGB Percent	36%, 32%, 45%
CMY	0.6431, 0.6784, 0.5490
CMYK	0.21, 0.29, 0.00, 0.55
HSL	256°, 17%, 39%
HSV	256°, 29%, 45%
XYZ	10.4262, 9.4965, 17.5032
YIQ	88.4530, -5.2290, 12.1710

Conversions

Conversions Part 2

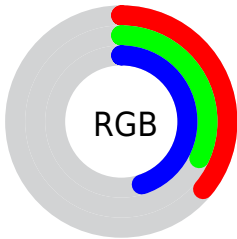
Format	Color
R_{YB}	91, 82, 115
Decimal	5984883
CIE _{Lab}	36.92, 11.23, -17.50
CIE _{LCh}	37, 20.794, 302.694
Yxy	9.4965, 0.2786, 0.2537
Android (android.graphics.Color)	4284174963 (0xFF5B5273)
YUV	88.4530, 13.0877, 2.2337
Hunter-Lab	30.8165, 6.4635, -12.1041

Details

The Android color `4284174963` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4285166418`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4287529895`, and `4281083203` is the 20% darker color. If you saturate the color by 10%, you get `4283647859`, and if you desaturate by 10%, it is `4284702323`.

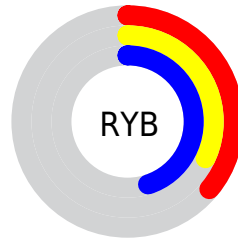
Distribution



Red (36%)

Green (32%)

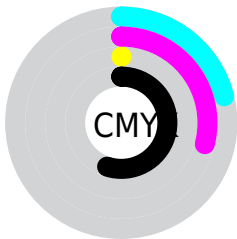
Blue (45%)



Red (36%)

Yellow (32%)

Blue (45%)

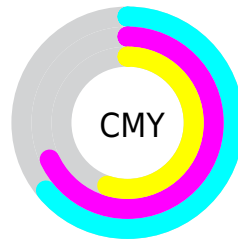


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (55%)



Cyan (64%)

Magenta (68%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284174963 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 4284174963 by changing the saturation by 10% instead.

■ 4284174963

■ 4284174963

4294967295

■ 4282596186

■ 4287529895

■ 4281083203

■ 4289240514

■ 4279701804

■ 4291082462

■ 4278190360

■ 4292924667

■ 4278190080

■ 4294766847

■ 4284174963

■ 4284174963

■ 4283647859

■ 4284702323

■ 4283054963

■ 4285294963

■ 4282527859

■ 4285822323

■ 4282000499

■ 4286349427

■ 4281407859

■ 4286942323

■ 4280880499

■ 4287469427

■ 4280287859

■ 4288062323

■ 4280221811

■ 4288589427

■ 4289116787

Harmonies

Analogous

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



4282538104



4284174963



4285353319

Triad

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



4284174963



4285485370



4280770648

Complementary

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



4284174963



4285166418

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.



4282081095



4284174963



4284569141

Square

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



4284174963



4286008390



4283390778



4279983976

Rectangle

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



4284174963



4285877084



4283390778



4281229394

Sweetspot

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



4284174963



4287465878



4283591283



4282795085



4291611852



4283256141

Same Dimension

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



4284174963



4285621142



4285223539



4281742651



4280352890



4282646778

Inverse Universe

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



4285747818



4288045960



4284117842



4282070329



4286185561



4294574262

Previews

White Background



This preview shows how the Android color 4284174963 looks on a white background.

Color Contrast Check

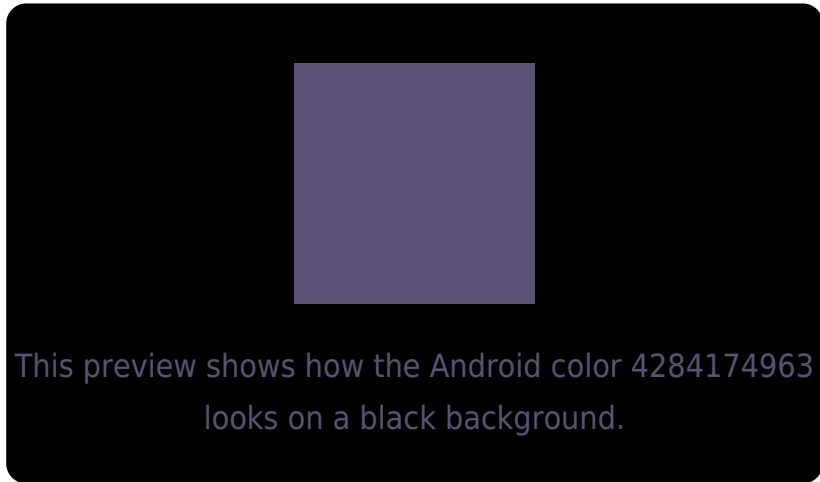
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4284174963 Background



This preview shows how black text looks on a background with the Android color 4284174963.

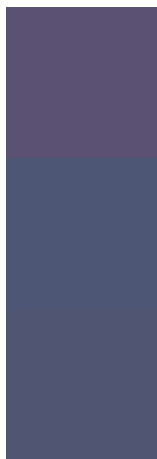


This preview shows how white text looks on a background with the Android color 4284174963.

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

4284174963

Protanopia

4283324022

Deuteranopia

4283455090



Tritanopia
4283913821

Trichromacy



Original Color
4284174963

Protanomaly
4283651445

Deuteranomaly
4283716978

Tritanomaly
4283979109

Monochromacy



Original Color
4284174963

Achromatopsia
4283979864

Achromatomaly
4284044898

CSS Examples

Text

The CSS property to change the color of the text to Android 4284174963 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(91, 82, 115)` looks like.

```
.text, #text, p{  
    color:rgb(91, 82, 115)  
}
```

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(91, 82, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 82, 115) }
```

Border

The CSS property to change the border of an element to Android 4284174963 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(91, 82, 115) }
```

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

```
.border{ border-color:rgb(91, 82, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 82, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 82, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 82, 115);  
box-shadow:4px 4px 4px 4px rgb(91, 82,  
115) }
```

Background

The CSS property to change the background color of an element to Android 4284174963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 82, 115) }
```

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

```
.background{ background-color: rgb(91, 82,  
115) }
```

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