

Converting Colors

Android(4284120433)

Have a look what the booklet for
Android(4284120433) contains.

Android(4284120433)	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(4284120433)

Conversions

Conversions Part 1

Format	Color
Hex	5A7D71
RGB	90, 125, 113
RGB Percent	35%, 49%, 44%
CMY	0.6471, 0.5098, 0.5569
CMYK	0.28, 0.00, 0.10, 0.51
HSL	159°, 16%, 42%
HSV	159°, 28%, 49%
XYZ	14.5307, 18.0331, 18.3377
YIQ	113.1670, -17.0080, -11.1520

Conversions

Conversions Part 2

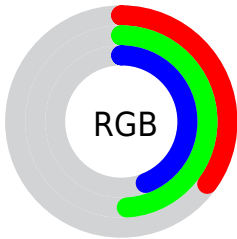
Format	Color
RYB	90, 111, 125
Decimal	5930353
CIELab	49.54, -15.13, 2.55
CIElCh	50, 15.343, 170.450
Yxy	18.0331, 0.2855, 0.3543
Android (android.graphics.Color)	4284120433 (0xFF5A7D71)
YUV	113.1670, -0.0823, -20.3175
Hunter-Lab	42.4655, -13.2359, 4.1229

Details

The Android color `4284120433` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286405222`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4287476389`, and `4281027649` is the 20% darker color. If you saturate the color by 10%, you get `4283333997`, and if you desaturate by 10%, it is `4284972405`.

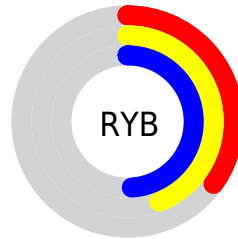
Distribution



Red (35%)

Green (49%)

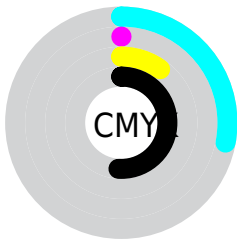
Blue (44%)



Red (35%)

Yellow (44%)

Blue (49%)

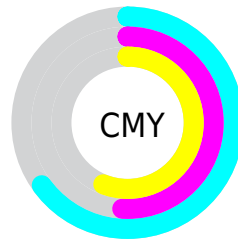


Cyan (28%)

Magenta (0%)

Yellow (10%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284120433 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 4284120433 by changing the saturation by 10% instead.



4284120433



4284120433

4294967295



4282541145



4287476389



4281027649



4289252800



4279514411



4291029468



4278198295



4292870136



4278190080



4294770687



4284120433



4284120433



4283333997



4284972405



4282482024



4285758842

■ 4281695588

■ 4286610814

■ 4280843616

■ 4287397250

■ 4279991644

■ 4288249222

■ 4279205207

■ 4289035659

■ 4278418771

■ 4289887631

■ 4278222162

■ 4290674067

■ 4291526040

Harmonies

Analogous

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



4284971877



4284120433



4283596158

Triad

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



4284120433



4285756558



4287459170

Complementary

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



4284120433



4286405222

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.



4287720813



4284120433



4286804102

Square

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



4284120433



4284577935



4287458682



4286870364

Rectangle

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



4284120433



4283661446



4287458682



4287589989

Sweetspot

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



4284120433



4288062367



4284906842



4282995279



4291940817



4283585106

Same Dimension

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



4284120433



4285309840



4284119165



4281942078



4278222932



4278190080

Inverse Universe

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



4286405222



4288900223



4286406490



4282399036



4286578732



4278190080

Previews

White Background



This preview shows how the Android color 4284120433 looks on a white background.

Color Contrast Check

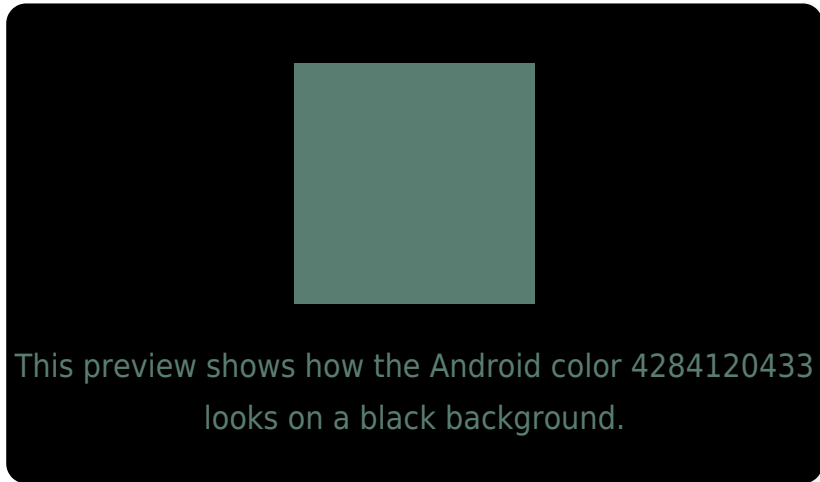
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284120433 Background



This preview shows how black text looks on a background with the Android color 4284120433.



This preview shows how white text looks on a background with the Android color 4284120433.

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

4284120433

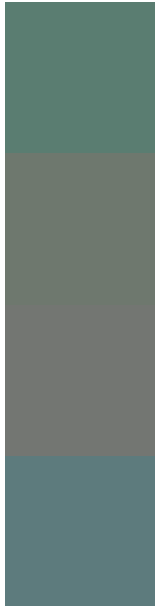
Protanopia

4286215533

Deuteranopia

4286673523

Trichromacy



Original Color

4284120433

Protanomaly

4285429870

Deuteranomaly

4285757042

Tritanomaly

4284316541

Monochromacy



Original Color

4284120433

Achromatopsia

4285624689

Achromatomaly

4285101425

CSS Examples

Text

The CSS property to change the color of the text to Android 4284120433 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, 125, 113)` looks like.

```
.text, #text, p{  
    color:rgb(90, 125, 113)  
}
```

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, 125, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 125, 113) }
```

Border

The CSS property to change the border of an element to Android 4284120433 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, 125, 113) }
```

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

```
.border{ border-color:rgb(90, 125, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 125, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 125, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 125, 113);  
box-shadow:4px 4px 4px 4px rgb(90, 125,  
113) }
```

Background

The CSS property to change the background color of an element to Android 4284120433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 125, 113) }
```

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

```
.background{ background-color: rgb(90, 125,  
113) }
```

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