

Converting Colors

Android(4281630583)

Have a look what the booklet for
Android(4281630583) contains.

Android(4281630583)	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(4281630583)

Conversions

Conversions Part 1

Format	Color
Hex	347F77
RGB	52, 127, 119
RGB Percent	20%, 50%, 47%
CMY	0.7961, 0.5020, 0.5333
CMYK	0.59, 0.00, 0.06, 0.50
HSL	174°, 42%, 35%
HSV	174°, 59%, 50%
XYZ	12.3353, 17.2407, 20.1304
YIQ	103.6630, -42.1320, -18.3880

Conversions

Conversions Part 2

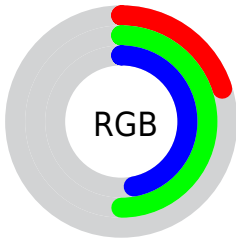
Format	Color
R _{YB}	52, 92, 127
Decimal	3440503
CIE Lab	48.56, -25.14, -2.62
CIE LCh	49, 25.273, 185.956
Yxy	17.2407, 0.2482, 0.3469
Android (android.graphics.Color)	4281630583 (0xFF347F77)
YUV	103.6630, 7.5611, -45.3085
Hunter-Lab	41.5219, -19.6347, 0.3207

Details

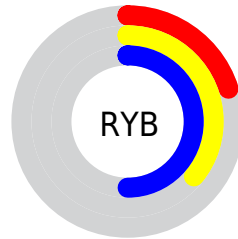
The Android color `4281630583` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286526524`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4285248683`, and `4278209863` is the 20% darker color. If you saturate the color by 10%, you get `4280778614`, and if you desaturate by 10%, it is `4282482552`.

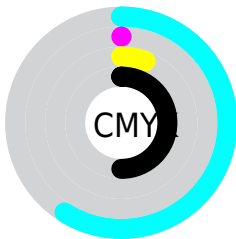
Distribution



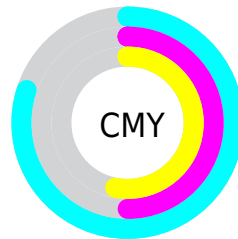
- Red (20%)
- Green (50%)
- Blue (47%)



- Red (20%)
- Yellow (36%)
- Blue (50%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (50%)




- Cyan (80%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281630583 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 4281630583 by changing the saturation by 10% instead.

 4281630583

 4281630583

4294967295

 4279527006

 4285248683

 4278209863

 4287025350

 4278203952

 4288802018


 4278198556

 4290641919

 4278190080

 4292542463

 4294443007

 4281630583

 4281630583

 4280778614

 4282482552

■ 4279992180

■ 4283268986

■ 4279140211

■ 4284120955

■ 4278288242

■ 4284972924

■ 4278222705

■ 4285824894

■ 4286611327

■ 4287463296

■ 4288315266

■ 4289101699

Harmonies

Analogous

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



4283268449



4281630583



4280843916

Triad

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



4281630583



4286344342



4287654989

Complementary

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



4281630583



4286526524

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.



4288439899



4281630583



4287784581

Square

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



4281630583



4284314782



4288504688



4286477129

Rectangle

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



4281630583



4281498774



4288504688



4287982161

Sweetspot

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



4281630583



4287145635



4282220340



4282537042



4292138196



4283716692

Same Dimension

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



4281630583



4281378457



4281623167



4281942079



4278222962



4278190080

Inverse Universe

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



4286526524



4289081405



4286533940



4282399034



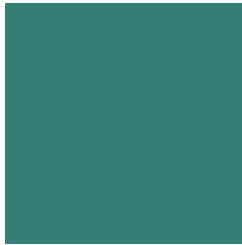
4286578702



4278190080

Previews

White Background



This preview shows how the Android color 4281630583 looks on a white background.

Color Contrast Check

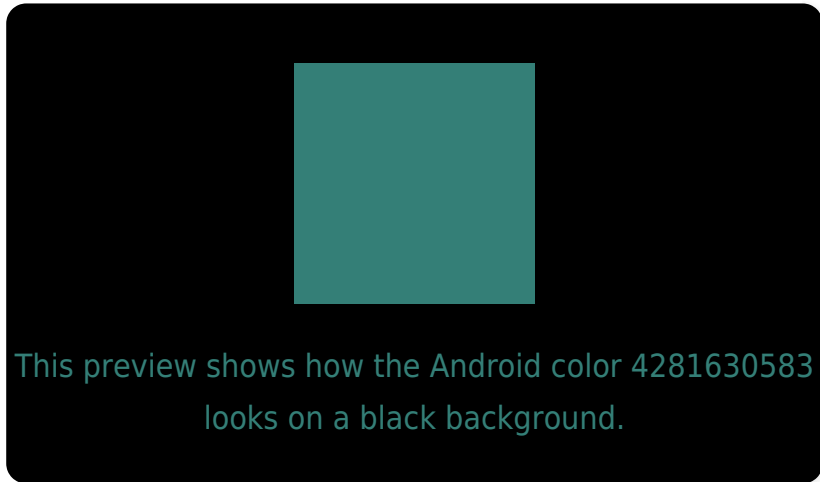
Large Text (above 18pt) WCAG AA ✓ Pass

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

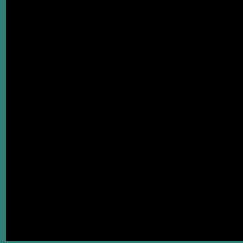
Any Text WCAG AA × Fail

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 4281630583 Background



This preview shows how black text looks on a background with the Android color 4281630583.



This preview shows how white text looks on a background with the Android color 4281630583.

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

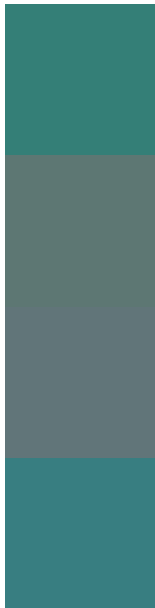


Original Color
4281630583

Protanopia
4285887088

Deuteranopia
4286214010

Trichromacy



Original Color
4281630583

Protanomaly
4284315507

Deuteranomaly
4284577145

Tritanomaly
4281892481

Monochromacy



Original Color
4281630583

Achromatopsia
4285032552

Achromatomaly
4283789421

CSS Examples

Text

The CSS property to change the color of the text to Android 4281630583 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(52, 127, 119)` looks like.

```
.text, #text, p{  
    color:rgb(52, 127, 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(52, 127, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 127, 119) }
```

Border

The CSS property to change the border of an element to Android 4281630583 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(52, 127, 119) }
```

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

```
.border{ border-color:rgb(52, 127, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 127, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 127, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 127, 119);  
box-shadow:4px 4px 4px 4px rgb(52, 127,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4281630583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 127, 119) }
```

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

```
.background{ background-color: rgb(52, 127,  
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