

Converting Colors

Android(4280966783)

Have a look what the booklet for
Android(4280966783) contains.

Android(4280966783)	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(4280966783)

Conversions

Conversions Part 1

Format	Color
Hex	2A5E7F
RGB	42, 94, 127
RGB Percent	16%, 37%, 50%
CMY	0.8353, 0.6314, 0.5020
CMYK	0.67, 0.26, 0.00, 0.50
HSL	203°, 50%, 33%
HSV	203°, 67%, 50%
XYZ	8.7883, 10.0300, 21.5515
YIQ	82.2140, -41.5850, -0.7610

Conversions

Conversions Part 2

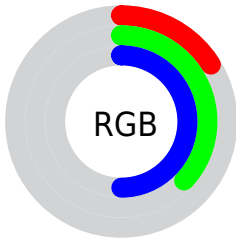
Format	Color
RYB	42, 74, 127
Decimal	2776703
CIELab	37.90, -6.22, -23.63
CIELCh	38, 24.435, 255.265
Yxy	10.0300, 0.2177, 0.2485
Android (android.graphics.Color)	4280966783 (0xFF2A5E7F)
YUV	82.2140, 22.0795, -35.2677
Hunter-Lab	31.6701, -5.8897, -18.1777

Details

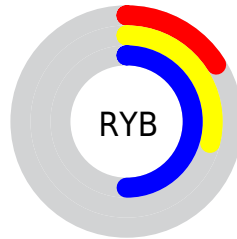
The Android color `4280966783` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286532394`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4284584116`, and `4278202446` is the 20% darker color. If you saturate the color by 10%, you get `4280113535`, and if you desaturate by 10%, it is `4281820031`.

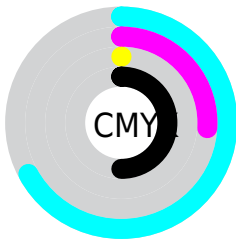
Distribution



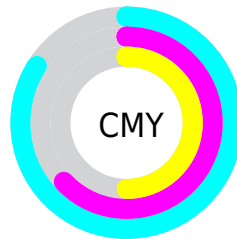
- Red (16%)
- Green (37%)
- Blue (50%)



- Red (16%)
- Yellow (29%)
- Blue (50%)



- Cyan (67%)
- Magenta (26%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (63%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280966783 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 4280966783 by changing the saturation by 10% instead.



4280966783



4280966783

4294967295



4278470246



4284584116



4278202446



4286360528



4278197303



4288136940



4278190625



4289979135



4278190087



4291887103



4278190080



4293787647



4280966783



4280966783



4280113535



4281820031

■ 4279325823

■ 4282607743

■ 4278472575

■ 4283460991

■ 4278210175

■ 4284314239

■ 4285167487

■ 4285955199

■ 4286808447

■ 4287661439

■ 4288449151

Harmonies

Analogous

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



4278215285



4280966783



4283259007

Triad

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



4280966783



4286597712



4282802237

Complementary

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



4280966783



4286532394

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.



4284242738



4280966783



4286271038

Square

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



4280966783



4286139236



4285486387



4281099086

Rectangle

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



4280966783



4284502905



4285486387



4283326264

Sweetspot

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



4280966783



4286945702



4280975179



4282403924



4292138196



4283716692

Same Dimension

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



4280966783



4280382118



4280956031



4281941312



4278210176



4278190080

Inverse Universe

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



4286523998



4289077618



4286543146



4282399037



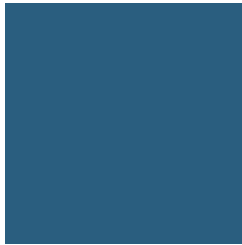
4286578766



4278190080

Previews

White Background



This preview shows how the Android color 4280966783 looks on a white background.

Color Contrast Check

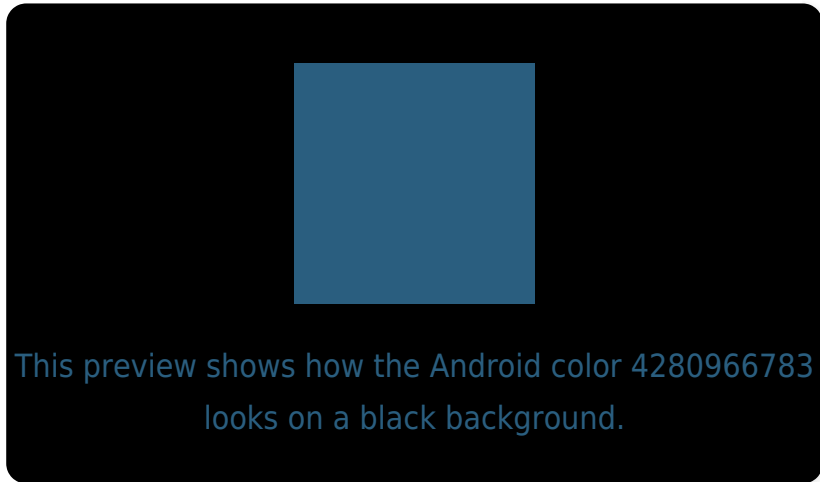
Large Text (above 18pt) WCAG AA ✓ Pass

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

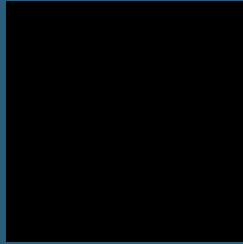
Any Text WCAG AA × Fail

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 4280966783 Background



This preview shows how black text looks on a background with the Android color 4280966783.

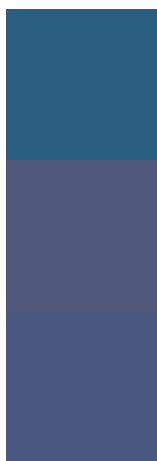


This preview shows how white text looks on a background with the Android color 4280966783.

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
4280966783

Protanopia
4283390074

Deuteranopia
4282996864

Trichromacy



Original Color

4280966783

Protanomaly

4282538620

Deuteranomaly

4282276480

Tritanomaly

4280443250

Monochromacy



Original Color

4280966783

Achromatopsia

4283585106

Achromatomaly

4282603106

CSS Examples

Text

The CSS property to change the color of the text to Android 4280966783 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(42, 94, 127)` looks like.

```
.text, #text, p{  
    color:rgb(42, 94, 127)  
}
```

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(42, 94, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 94, 127) }
```

Border

The CSS property to change the border of an element to Android 4280966783 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(42, 94, 127) }
```

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

```
.border{ border-color:rgb(42, 94, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 94, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 94, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 94, 127);  
box-shadow:4px 4px 4px 4px rgb(42, 94,  
127) }
```

Background

The CSS property to change the background color of an element to Android 4280966783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 94, 127) }
```

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

```
.background{ background-color: rgb(42, 94,  
127) }
```

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](#).

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