

Converting Colors

Android(4280443774)

Have a look what the booklet for
Android(4280443774) contains.

Android(4280443774)	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(4280443774)

Conversions

Conversions Part 1

Format	Color
Hex	22637E
RGB	34, 99, 126
RGB Percent	13%, 39%, 49%
CMY	0.8667, 0.6118, 0.5059
CMYK	0.73, 0.21, 0.00, 0.51
HSL	198°, 58%, 31%
HSV	198°, 73%, 49%
XYZ	8.8874, 10.7701, 21.3491
YIQ	82.6430, -47.4070, -5.3830

Conversions

Conversions Part 2

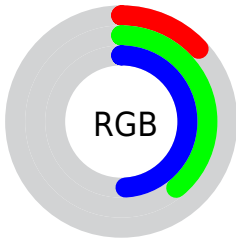
Format	Color
RYB	34, 72, 126
Decimal	2253694
CIELab	39.19, -10.95, -21.03
CIELCh	39, 23.713, 242.504
Yxy	10.7701, 0.2167, 0.2626
Android (android.graphics.Color)	4280443774 (0xFF22637E)
YUV	82.6430, 21.3750, -42.6599
Hunter-Lab	32.8179, -9.0916, -15.5976




Details

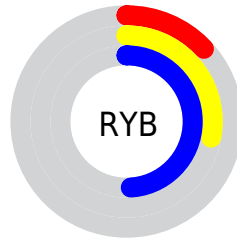
The Android color `4280443774` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286463266`, and the grayscale version is `4283585106`.




A 20% lighter version of the original color is `4284257971`, and `4278203469` is the 20% darker color. If you saturate the color by 10%, you get `4279590782`, and if you desaturate by 10%, it is `4281296766`.

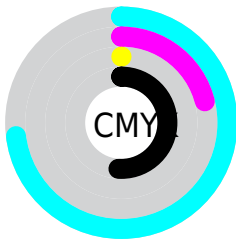
Distribution







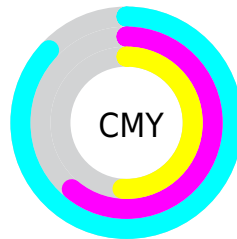
-  Red (13%)
-  Green (39%)
-  Blue (49%)






-  Red (13%)
-  Yellow (28%)
-  Blue (49%)



-  Cyan (73%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (87%)
-  Magenta (61%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280443774 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 4280443774 by changing the saturation by 10% instead.



4280443774



4280443774

4294967295



4278209381



4284257971



4278203469



4286034126



4278198070



4287810795



4278190625



4289652991



4278190086



4291559423



4278190080



4293459967



4280443774



4280443774



4279590782



4281296766

■ 4278803582

■ 4282083966

■ 4278212990

■ 4282936958

■ 4283724414

■ 4284577150

■ 4285430142

■ 4286217598

■ 4287070590

■ 4287857790

Harmonies

Analogous

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



4279068272



4280443774



4282605187

Triad

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



4280443774



4286664027



4283654459

Complementary

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



4280443774



4286463266

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.



4285029429



4280443774



4286664521

Square

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



4280443774



4285943918



4286076219



4282148170

Rectangle

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



4280443774



4283980160



4286076219



4284112952

Sweetspot

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



4280443774



4286552483



4280450620



4282141522



4291940817



4283585106

Same Dimension

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



4280443774



4279531939



4280432254



4281941568



4278213248



4278190080

Inverse Universe

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



4286456419



4288877689



4286474786



4282399038



4286578778



4278190080

Previews

White Background



This preview shows how the Android color 4280443774 looks on a white background.

Color Contrast Check

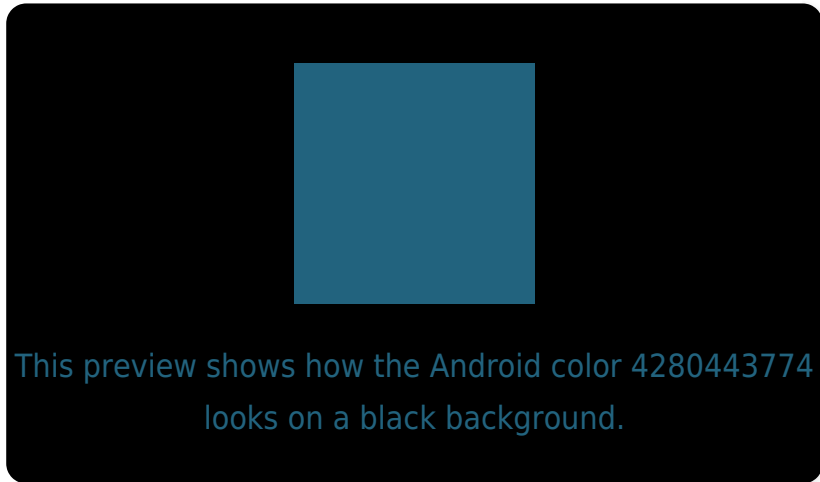
Large Text (above 18pt) WCAG AA ✓ Pass

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

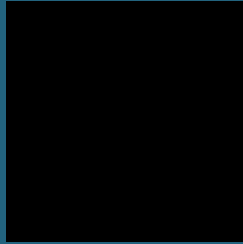
Any Text WCAG AA × Fail

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 4280443774 Background



This preview shows how black text looks on a background with the Android color 4280443774.



This preview shows how white text looks on a background with the Android color 4280443774.

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

4280443774

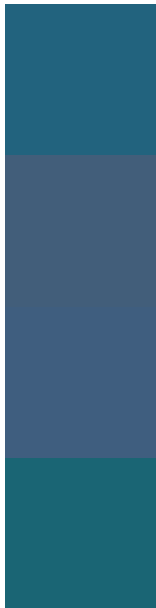
Protanopia

4283718520

Deuteranopia

4283456384

Trichromacy



Original Color
4280443774

Protanomaly
4282539642

Deuteranomaly
4282343039

Tritanomaly
4279919988

Monochromacy



Original Color
4280443774

Achromatopsia
4283650899

Achromatomaly
4282472803

CSS Examples

Text

The CSS property to change the color of the text to Android 4280443774 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(34, 99, 126)` looks like.

```
.text, #text, p{  
    color:rgb(34, 99, 126)  
}
```

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(34, 99, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 99, 126) }
```

Border

The CSS property to change the border of an element to Android 4280443774 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(34, 99, 126) }
```

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

```
.border{ border-color:rgb(34, 99, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 99, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 99, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 99, 126);  
box-shadow:4px 4px 4px 4px rgb(34, 99,  
126) }
```

Background

The CSS property to change the background color of an element to Android 4280443774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 99, 126) }
```

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

```
.background{ background-color: rgb(34, 99,  
126) }
```

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