

Converting Colors

Android(4280577664)

Have a look what the booklet for
Android(4280577664) contains.

Android(4280577664)	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(4280577664)

Conversions

Conversions Part 1

Format	Color
Hex	246E80
RGB	36, 110, 128
RGB Percent	14%, 43%, 50%
CMY	0.8588, 0.5686, 0.4980
CMYK	0.72, 0.14, 0.00, 0.50
HSL	192°, 56%, 32%
HSV	192°, 72%, 50%
XYZ	10.1998, 13.0854, 22.4102
YIQ	89.9260, -49.8820, -10.0900

Conversions

Conversions Part 2

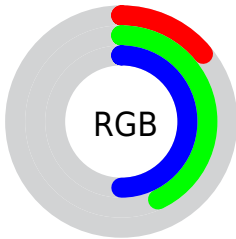
Format	Color
R_{YB}	36, 77, 128
Decimal	2387584
CIE _{Lab}	42.89, -16.24, -16.55
CIE _{LCh}	43, 23.184, 225.537
Yxy	13.0854, 0.2232, 0.2864
Android (android.graphics.Color)	4280577664 (0xFF246E80)
YUV	89.9260, 18.7705, -47.2931
Hunter-Lab	36.1738, -12.9733, -11.4094

Details

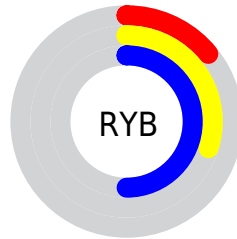
The Android color `4280577664` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286592548`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284392117`, and `4278206031` is the 20% darker color. If you saturate the color by 10%, you get `4279724928`, and if you desaturate by 10%, it is `4281430400`.

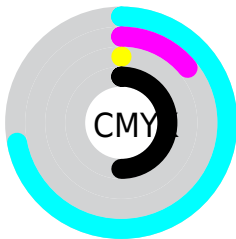
Distribution



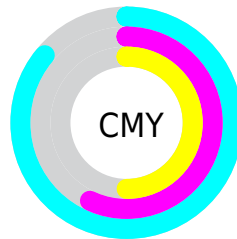
- Red (14%)
- Green (43%)
- Blue (50%)



- Red (14%)
- Yellow (30%)
- Blue (50%)



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)
- Black (50%)




- Cyan (86%)
- Magenta (57%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280577664 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 4280577664 by changing the saturation by 10% instead.

 4280577664

 4280577664

4294967295

 4278212199

 4284392117

 4278206031

 4286234064


 4278200376

 4288010733

 4278194978

 4289852927

 4278190090

 4291756031

 4278190080

 4293656575

 4280577664

 4280577664

 4279724928

 4281430400

■ 4278872448

■ 4282282880

■ 4278216576

■ 4283070080

■ 4283922560

■ 4284775296

■ 4285627776

■ 4286480512

■ 4287267456

■ 4288120192

Harmonies

Analogous

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



4280709231



4280577664



4282149514

Triad

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



4280577664



4286929007



4285032256

Complementary

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



4280577664



4286592548

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.



4286275904



4280577664



4287321948

Square

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



4280577664



4285816192



4287060811



4283657290

Rectangle

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



4280577664



4283524747



4287060811



4285490495

Sweetspot

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



4280577664



4286685094



4280582197



4282273876



4292138196



4283716692

Same Dimension

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



4280577664



4279732902



4280566144



4281941824



4278216576



4278190080

Inverse Universe

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



4286588014



4289075082



4286604068



4282399039



4286578791



4278190080

Previews

White Background



This preview shows how the Android color 4280577664 looks on a white background.

Color Contrast Check

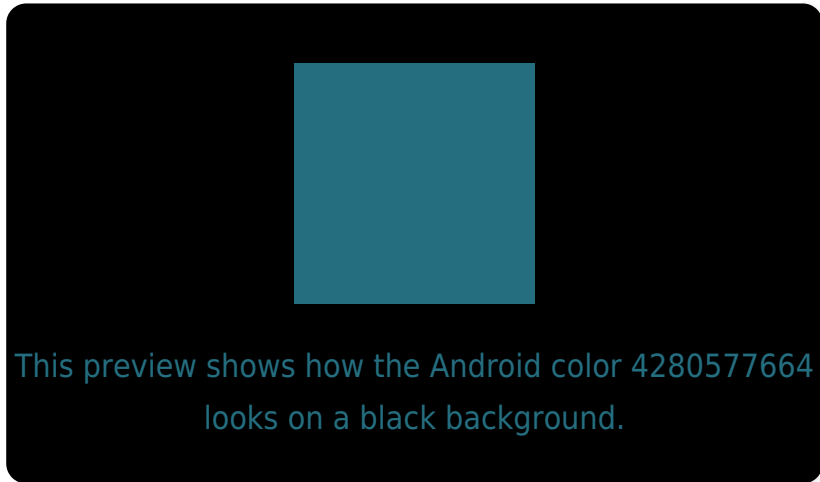
Large Text (above 18pt) WCAG AA ✓ Pass

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

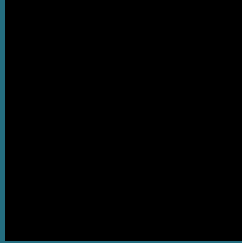
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

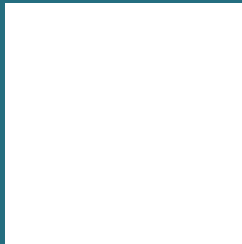
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280577664 Background



This preview shows how black text looks on a background with the Android color 4280577664.

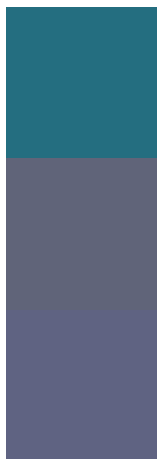


This preview shows how white text looks on a background with the Android color 4280577664.

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

4280577664

Protanopia

4284507257

Deuteranopia

4284441474

Trichromacy



Original Color

4280577664

Protanomaly

4283066492

Deuteranomaly

4283066241

Tritanomaly

4280381307

Monochromacy



Original Color

4280577664

Achromatopsia

4284111450

Achromatomaly

4282802536

CSS Examples

Text

The CSS property to change the color of the text to Android 4280577664 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(36, 110, 128)` looks like.

```
.text, #text, p{  
    color:rgb(36, 110, 128)  
}
```

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(36, 110, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 110, 128) }
```

Border

The CSS property to change the border of an element to Android 4280577664 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(36, 110, 128) }
```

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

```
.border{ border-color:rgb(36, 110, 128) }
```

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

Here you see how a box with a 4 pixel rgb(36, 110, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 110, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 110, 128);  
box-shadow:4px 4px 4px 4px rgb(36, 110,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4280577664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 110, 128) }
```

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

```
.background{ background-color: rgb(36, 110,  
128) }
```

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