

Converting Colors

Android(4280578420)

Have a look what the booklet for
Android(4280578420) contains.

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Color

Android(4280578420)

Conversions

Conversions Part 1

Format	Color
Hex	247174
RGB	36, 113, 116
RGB Percent	14%, 44%, 45%
CMY	0.8588, 0.5569, 0.5451
CMYK	0.69, 0.03, 0.00, 0.55
HSL	182°, 53%, 30%
HSV	182°, 69%, 45%
XYZ	9.7851, 13.4463, 18.6027
YIQ	90.3190, -46.8550, -15.3910

Conversions

Conversions Part 2

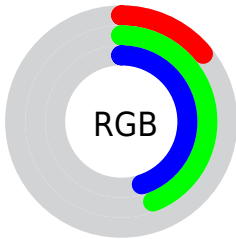
Format	Color
RYB	36, 75, 116
Decimal	2388340
CIELab	43.43, -21.82, -8.52
CIElCh	43, 23.419, 201.321
Yxy	13.4463, 0.2339, 0.3214
Android (android.graphics.Color)	4280578420 (0xFF247174)
YUV	90.3190, 12.6607, -47.6378
Hunter-Lab	36.6692, -16.5388, -4.4100

Details

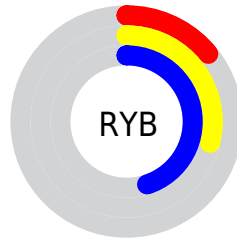
The Android color `4280578420` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285802276`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284327336`, and `4278206788` is the 20% darker color. If you saturate the color by 10%, you get `4279791988`, and if you desaturate by 10%, it is `4281364852`.

Distribution



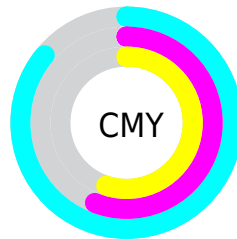
- Red (14%)
- Green (44%)
- Blue (45%)



- Red (14%)
- Yellow (29%)
- Blue (45%)



- Cyan (69%)
- Magenta (3%)
- Yellow (0%)
- Black (55%)



- Cyan (86%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280578420 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 4280578420 by changing the saturation by 10% instead.

 4280578420

 4280578420

4294967295

 4278212699

 4284327336

 4278206788

 4286103747

 4278200878

 4287945951

 4278195481

 4289788412

 4278190080

 4291624959

 4293525503

 4280578420

 4280578420

 4279791988

 4281364852

■ 4279070836

■ 4282086004

■ 4278284404

■ 4282872436

■ 4278218868

■ 4283593588

■ 4284380020

■ 4285166708

■ 4285887604

■ 4286674036

■ 4287395188

Harmonies

Analogous

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



4281889120



4280578420



4280840068

Triad

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



4280578420



4286209407



4286145344

Complementary

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



4280578420



4285802276

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.



4287061321



4280578420



4287191149

Square

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



4280578420



4284572811



4287453273



4284901954

Rectangle

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



4280578420



4281953419



4287453273



4286472514

Sweetspot

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



4280578420



4286027158



4280579111



4281945165



4291611852



4283256141

Same Dimension

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



4280578420



4279931542



4280568180



4281678395



4278220410



4278252026

Inverse Universe

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



4285801585



4288027282



4285812516



4282070330



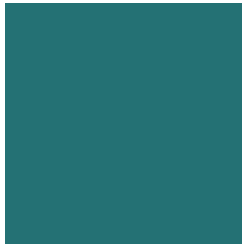
4286185590



4294574321

Previews

White Background



This preview shows how the Android color 4280578420 looks on a white background.

Color Contrast Check

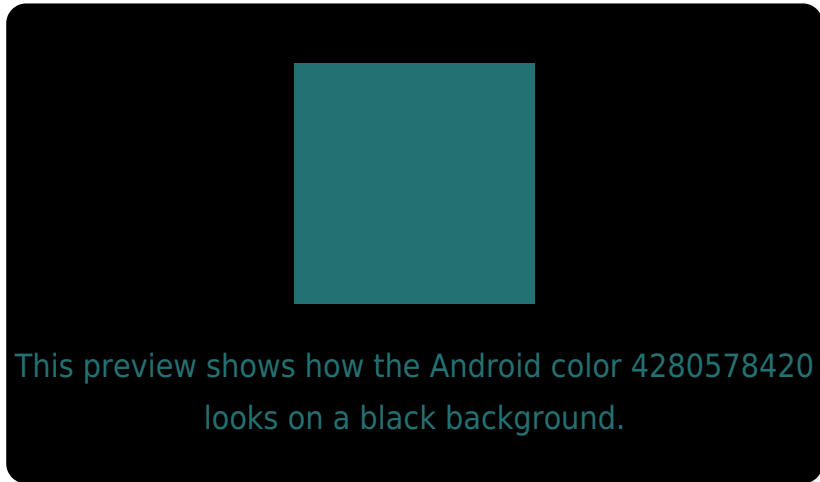
Large Text (above 18pt) WCAG AA ✓ Pass

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

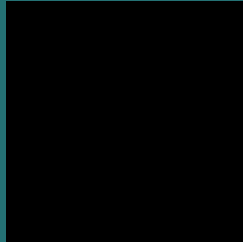
Any Text WCAG AA × Fail

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 4280578420 Background



This preview shows how black text looks on a background with the Android color 4280578420.

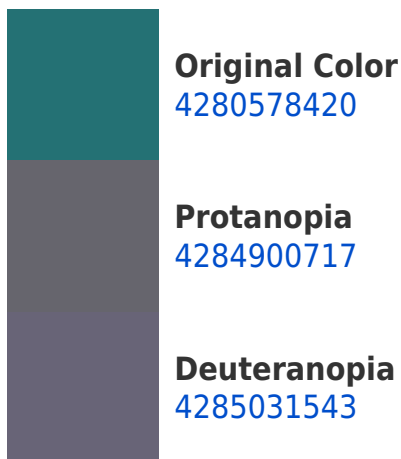


This preview shows how white text looks on a background with the Android color 4280578420.

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



Trichromacy



Original Color

4280578420

Protanomaly

4283328880

Deuteranomaly

4283394422

Tritanomaly

4280709239

Monochromacy



Original Color

4280578420

Achromatopsia

4284111450

Achromatomaly

4282802787

CSS Examples

Text

The CSS property to change the color of the text to Android 4280578420 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, 113, 116)` looks like.

```
.text, #text, p{  
    color:rgb(36, 113, 116)  
}
```

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, 113, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 113, 116) }
```

Border

The CSS property to change the border of an element to Android 4280578420 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, 113, 116) }
```

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

```
.border{ border-color:rgb(36, 113, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 113, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 113, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 113, 116);  
box-shadow:4px 4px 4px 4px rgb(36, 113,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4280578420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 113, 116) }
```

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

```
.background{ background-color: rgb(36, 113,  
116) }
```

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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