

Converting Colors

Android(4280976038)

Have a look what the booklet for
Android(4280976038) contains.

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Color

Android(4280976038)

Conversions

Conversions Part 1

Format	Color
Hex	2A82A6
RGB	42, 130, 166
RGB Percent	16%, 51%, 65%
CMY	0.8353, 0.4902, 0.3490
CMYK	0.75, 0.22, 0.00, 0.35
HSL	197°, 60%, 41%
HSV	197°, 75%, 65%
XYZ	15.8204, 19.2107, 38.9506
YIQ	107.7920, -64.0040, -7.4600

Conversions

Conversions Part 2

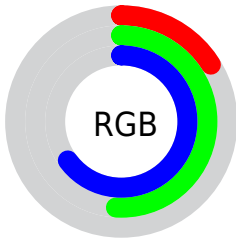
Format	Color
RYB	42, 93, 166
Decimal	2785958
CIELab	50.93, -13.46, -26.57
CIElCh	51, 29.790, 243.133
Yxy	19.2107, 0.2138, 0.2597
Android (android.graphics.Color)	4280976038 (0xFF2A82A6)
YUV	107.7920, 28.6965, -57.6996
Hunter-Lab	43.8300, -12.2730, -22.0085

Details

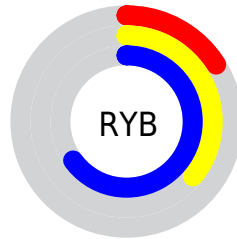
The Android color `4280976038` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4289089066`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4285118429`, and `4278210930` is the 20% darker color. If you saturate the color by 10%, you get `4279860646`, and if you desaturate by 10%, it is `4282091430`.

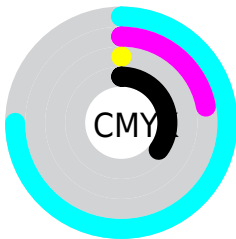
Distribution



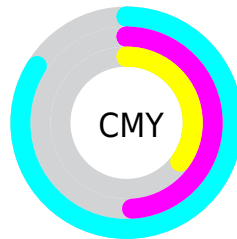
- Red (16%)
- Green (51%)
- Blue (65%)



- Red (16%)
- Yellow (36%)
- Blue (65%)



- Cyan (75%)
- Magenta (22%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280976038 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 4280976038 by changing the saturation by 10% instead.

 4280976038

 4280976038

4294967295

 4278217100

 4285118429

 4278210930

 4287026170

 4278205017

 4288933887

 4278199362

 4290838527

 4278192684

 4292804607

 4278190358

 4294770687

 4278190080

 4280976038

 4280976038

 4279860646

 4282091430

■ 4278810790

■ 4283141286

■ 4278220454

■ 4284256422

■ 4285306278

■ 4286421670

■ 4287537062

■ 4288586918

■ 4289702310

■ 4290751910

Harmonies

Analogous

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



4278421140



4280976038



4284054444

Triad

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



4280976038



4289291640



4285366350

Complementary

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



4280976038



4289089066

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.



4287068486



4280976038



4289292383

Square

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



4280976038



4288440721



4288507981



4283336033

Rectangle

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



4280976038



4285822376



4288507981



4285955658

Sweetspot

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



4280976038



4289317849



4280985165



4283524462



4293783021



4285427310

Same Dimension

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



4280976038



4279673049



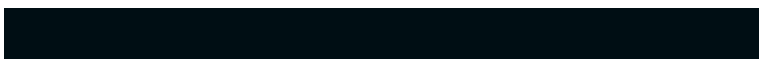
4280960422



4283191892



4278217108



4278193684

Inverse Universe

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



4289079938



4292417184



4289104682



4283714642



4287889513



4279500814

Previews

White Background



This preview shows how the Android color 4280976038 looks on a white background.

Color Contrast Check

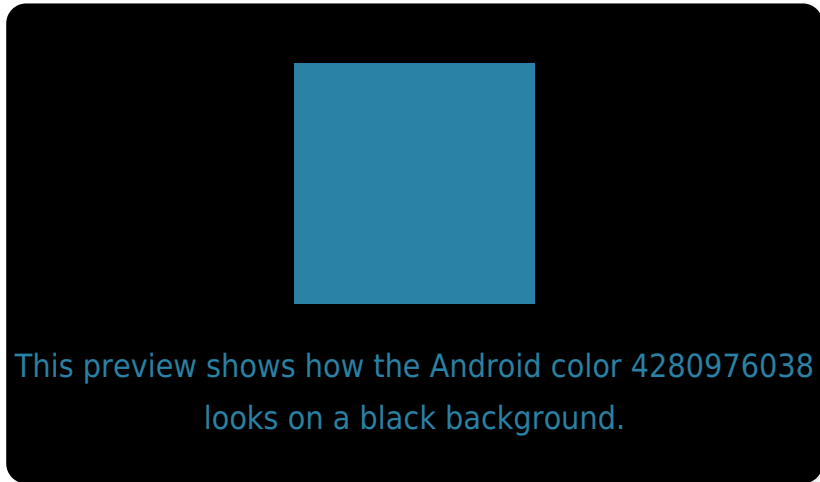
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Android 4280976038 Background



This preview shows how black text looks on a background with the Android color 4280976038.

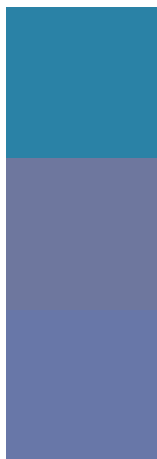


This preview shows how white text looks on a background with the Android color 4280976038.

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

4280976038

Protanopia

4285429662

Deuteranopia

4285036456

Trichromacy



Original Color
4280976038

Protanomaly
4283792289

Deuteranomaly
4283530151

Tritanomaly
4280124825

Monochromacy



Original Color
4280976038

Achromatopsia
4285295724

Achromatomaly
4283724929

CSS Examples

Text

The CSS property to change the color of the text to Android 4280976038 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, 130, 166)` looks like.

```
.text, #text, p{  
    color:rgb(42, 130, 166)  
}
```

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, 130, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 130, 166) }
```

Border

The CSS property to change the border of an element to Android 4280976038 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, 130, 166) }
```

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

```
.border{ border-color:rgb(42, 130, 166) }
```

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

Here you see how a box with a 4 pixel rgb(42, 130, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 130, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 130, 166);  
box-shadow:4px 4px 4px 4px rgb(42, 130,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4280976038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 130, 166) }
```

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

```
.background{ background-color: rgb(42, 130,  
166) }
```

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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