

Converting Colors

Android(4280970651)

Have a look what the booklet for
Android(4280970651) contains.

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Color

Android(4280970651)

Conversions

Conversions Part 1

Format	Color
Hex	2A6D9B
RGB	42, 109, 155
RGB Percent	16%, 43%, 61%
CMY	0.8353, 0.5725, 0.3922
CMYK	0.73, 0.30, 0.00, 0.39
HSL	204°, 57%, 39%
HSV	204°, 73%, 61%
XYZ	12.3399, 13.7961, 33.0229
YIQ	94.2110, -54.6980, 0.1020

Conversions

Conversions Part 2

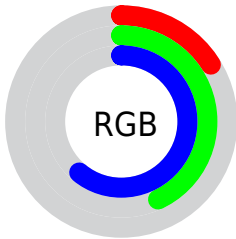
Format	Color
R_{YB}	42, 84, 155
Decimal	2780571
CIE _{Lab}	43.94, -5.18, -31.03
CIE _{LCh}	44, 31.460, 260.525
Yxy	13.7961, 0.2086, 0.2332
Android (android.graphics.Color)	4280970651 (0xFF2A6D9B)
YUV	94.2110, 29.9690, -45.7890
Hunter-Lab	37.1431, -5.6981, -26.7129

Details

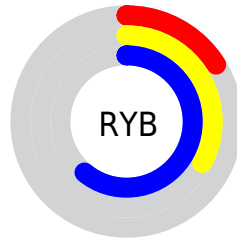
The Android color `4280970651` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288370730`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284915922`, and `4278206056` is the 20% darker color. If you saturate the color by 10%, you get `4279920539`, and if you desaturate by 10%, it is `4281955227`.

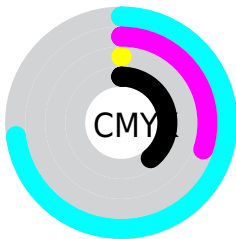
Distribution



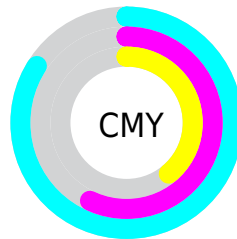
- Red (16%)
- Green (43%)
- Blue (61%)



- Red (16%)
- Yellow (33%)
- Blue (61%)



- Cyan (73%)
- Magenta (30%)
- Yellow (0%)
- Black (39%)



- Cyan (84%)
- Magenta (57%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280970651 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 4280970651 by changing the saturation by 10% instead.



4280970651



4280970651

4294967295



4278211969



4284915922



4278206056



4286757870



4278200399



4288665599



4278195256



4290573311



4278190626



4292476927



4278190088



4294377471



4278190080



4280970651



4280970651



4279920539



4281955227

■ 4278935707

■ 4283005595

■ 4278213787

■ 4283990171

■ 4285040283

■ 4286090651

■ 4287075227

■ 4288059803

■ 4289109915

■ 4290094747

Harmonies

Analogous

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



4278219663



4280970651



4284310681

Triad

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



4280970651



4288303959



4282937926

Complementary

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



4280970651



4288370730

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.



4284902454



4280970651



4287781441

Square

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



4280970651



4287976305



4286538548



4280186206

Rectangle

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



4280970651



4285947536



4286538548



4283658303

Sweetspot

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



4280970651



4288526281



4280982359



4283128678



4293322470



4284900966

Same Dimension

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



4280970651



4279927497



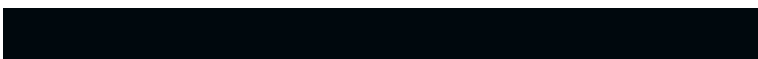
4280956315



4282730829



4278211468



4278192141

Inverse Universe

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



4288359021



4291369602



4288385066



4283254089



4287365203



4279042056

Previews

White Background



This preview shows how the Android color 4280970651 looks on a white background.

Color Contrast Check

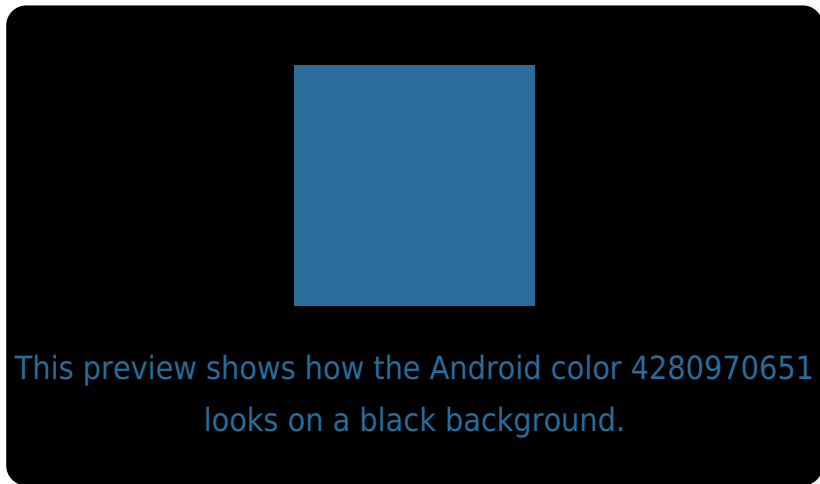
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280970651 Background



This preview shows how black text looks on a background with the Android color 4280970651.

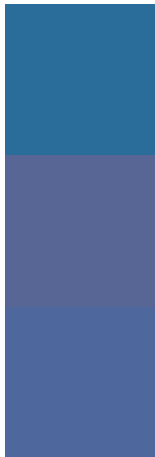


This preview shows how white text looks on a background with the Android color 4280970651.

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
4280970651

Protanopia
4283983509

Deuteranopia
4283328412

Trichromacy



Original Color
4280970651

Protanomaly
4282870167

Deuteranomaly
4282476956

Tritanomaly
4279398791

Monochromacy



Original Color
4280970651

Achromatopsia
4284374622

Achromatomaly
4283130740

CSS Examples

Text

The CSS property to change the color of the text to Android 4280970651 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, 109, 155)` looks like.

```
.text, #text, p{  
    color:rgb(42, 109, 155)  
}
```

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, 109, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 109, 155) }
```

Border

The CSS property to change the border of an element to Android 4280970651 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, 109, 155) }
```

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

```
.border{ border-color:rgb(42, 109, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 109, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 109, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 109, 155);  
box-shadow:4px 4px 4px 4px rgb(42, 109,  
155) }
```

Background

The CSS property to change the background color of an element to Android 4280970651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 109, 155) }
```

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

```
.background{ background-color: rgb(42, 109,  
155) }
```

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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