

Converting Colors

Android(4280973749)

Have a look what the booklet for
Android(4280973749) contains.

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Color

Android(4280973749)

Conversions

Conversions Part 1

Format	Color
Hex	2A79B5
RGB	42, 121, 181
RGB Percent	16%, 47%, 71%
CMY	0.8353, 0.5255, 0.2902
CMYK	0.77, 0.33, 0.00, 0.29
HSL	206°, 62%, 44%
HSV	206°, 77%, 71%
XYZ	16.1327, 17.5032, 46.2442
YIQ	104.2190, -66.3440, 1.9120

Conversions

Conversions Part 2

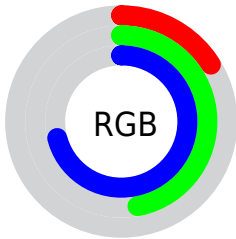
Format	Color
R_{YB}	42, 92, 181
Decimal	2783669
CIE _{Lab}	48.89, -2.85, -38.46
CIE _{LCh}	49, 38.566, 265.761
Yxy	17.5032, 0.2020, 0.2191
Android (android.graphics.Color)	4280973749 (0xFF2A79B5)
YUV	104.2190, 37.8530, -54.5661
Hunter-Lab	41.8368, -4.3829, -36.2503

Details

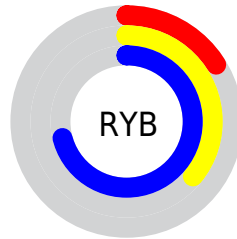
The Android color `4280973749` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4290078250`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4285246957`, and `4278208896` is the 20% darker color. If you saturate the color by 10%, you get `4279792053`, and if you desaturate by 10%, it is `4282155445`.

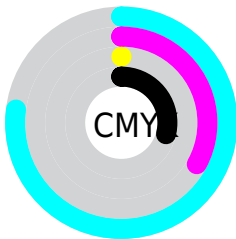
Distribution



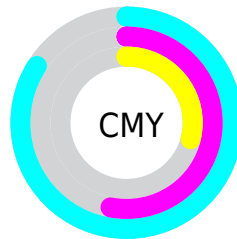
- Red (16%)
- Green (47%)
- Blue (71%)



- Red (16%)
- Yellow (36%)
- Blue (71%)



- Cyan (77%)
- Magenta (33%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280973749 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 4280973749 by changing the saturation by 10% instead.

■ 4280973749

■ 4280973749

4294967295

■ 4278214810

■ 4285246957

■ 4278208896

■ 4287219967

■ 4278203238

■ 4289127679

■ 4278197838

■ 4291100671

■ 4278191415

■ 4293001215

■ 4278190625

■ 4278190085

■ 4278190080

■ 4280973749

■ 4280973749

■ 4279792053

■ 4282155445

■ 4278610357

■ 4283337141

■ 4278216629

■ 4284518581

■ 4285700277

■ 4286947509

■ 4288129205

■ 4289310901

■ 4290492597

■ 4291674037

Harmonies

Analogous

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



4278223273



4280973749



4285492655

Triad

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



4280973749



4289813338



4282614094

Complementary

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



4280973749



4290078250

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.



4285233975



4280973749



4288963903

Square

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



4280973749



4289616250



4287328561



4278223982

Rectangle

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



4280973749



4287456674



4287328561



4283596613

Sweetspot

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



4280973749



4290106347



4280989028



4283721589



4294309365



4285887861

Same Dimension

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



4280973749



4279471595



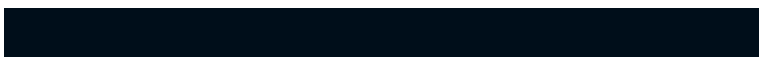
4280956597



4283454809



4278212505



4278193690

Inverse Universe

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



4290062969



4293596045



4290095402



4284043349



4288217175



4279894030

Previews

White Background



This preview shows how the Android color 4280973749 looks on a white background.

Color Contrast Check

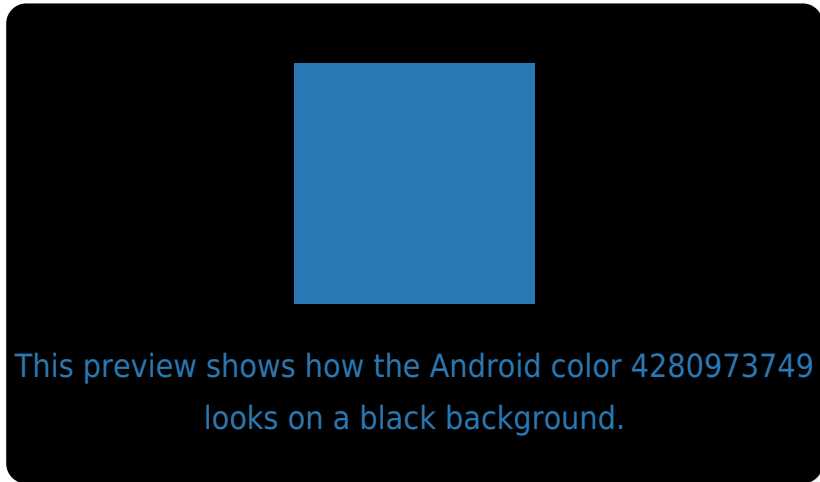
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4280973749 Background



This preview shows how black text looks on a background with the Android color 4280973749.



This preview shows how white text looks on a background with the Android color 4280973749.

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

4280973749

Protanopia

4284379567

Deuteranopia

4283397302

Trichromacy



Original Color
4280973749

Protanomaly
4283135153

Deuteranomaly
4282545846

Tritanomaly
4279205274

Monochromacy



Original Color
4280973749

Achromatopsia
4285032552

Achromatomaly
4283526788

CSS Examples

Text

The CSS property to change the color of the text to Android 4280973749 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, 121, 181)` looks like.

```
.text, #text, p{  
    color:rgb(42, 121, 181)  
}
```

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, 121, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 121, 181) }
```

Border

The CSS property to change the border of an element to Android 4280973749 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, 121, 181) }
```

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

```
.border{ border-color:rgb(42, 121, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 121, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 121, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 121, 181);  
box-shadow:4px 4px 4px 4px rgb(42, 121,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4280973749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 121, 181) }
```

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

```
.background{ background-color: rgb(42, 121,  
181) }
```

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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