

Converting Colors

Android(4280850099)

Have a look what the booklet for
Android(4280850099) contains.

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Color

Android(4280850099)

Conversions

Conversions Part 1

Format	Color
Hex	2896B3
RGB	40, 150, 179
RGB Percent	16%, 59%, 70%
CMY	0.8431, 0.4118, 0.2980
CMYK	0.78, 0.16, 0.00, 0.30
HSL	193°, 63%, 43%
HSV	193°, 78%, 70%
XYZ	19.9181, 25.5185, 46.5236
YIQ	120.4160, -74.8690, -14.3010

Conversions

Conversions Part 2

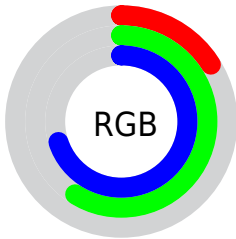
Format	Color
R _Y B	40, 101, 179
Decimal	2660019
CIE Lab	57.58, -20.15, -23.78
CIE LCh	58, 31.172, 229.719
Yxy	25.5185, 0.2166, 0.2775
Android (android.graphics.Color)	4280850099 (0xFF2896B3)
YUV	120.4160, 28.8819, -70.5248
Hunter-Lab	50.5158, -18.0212, -19.2433

Details

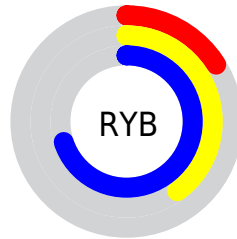
The Android color `4280850099` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289938728`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285320427`, and `4278215550` is the 20% darker color. If you saturate the color by 10%, you get `4279669427`, and if you desaturate by 10%, it is `4282030771`.

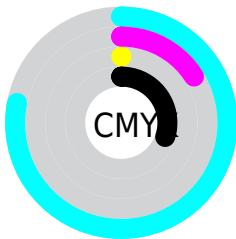
Distribution



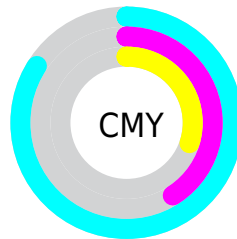
- Red (16%)
- Green (59%)
- Blue (70%)



- Red (16%)
- Yellow (40%)
- Blue (70%)



- Cyan (78%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (84%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280850099 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 4280850099 by changing the saturation by 10% instead.

 4280850099

 4280850099

4294967295

 4278221976

 4285320427


 4278215550

 4287293951

 4278209381

 4289200127

 4278203469

 4291166207

 4278198326

 4293132287

 4278190625

 4278190086

 4278190080

 4280850099

 4280850099

■ 4279669427

■ 4282030771

■ 4278489011

■ 4283211187

■ 4278226611

■ 4284391859

■ 4285572531

■ 4286753203

■ 4287868083

■ 4289048755

■ 4290229427

■ 4291410099

Harmonies

Analogous

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



4280719772



4280850099



4283732159

Triad

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



4280850099



4290344597



4287270486

Complementary

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



4280850099



4289938728

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.



4289037653



4280850099



4290803321

Square

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



4280850099



4288904622



4290280546



4285240678

Rectangle

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



4280850099



4285696704



4290280546



4287925076

Sweetspot

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



4280850099



4289977832



4280857412



4283723381



4294309365



4285887861

Same Dimension

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



4280850099



4279286760



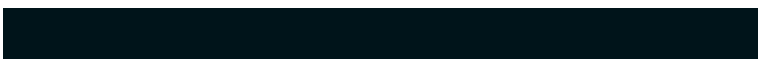
4280832691



4283455321



4278221209



4278195226

Inverse Universe

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



4289931414



4293398715



4289956136



4284043351



4288217209



4279894036

Previews

White Background



This preview shows how the Android color 4280850099 looks on a white background.

Color Contrast Check

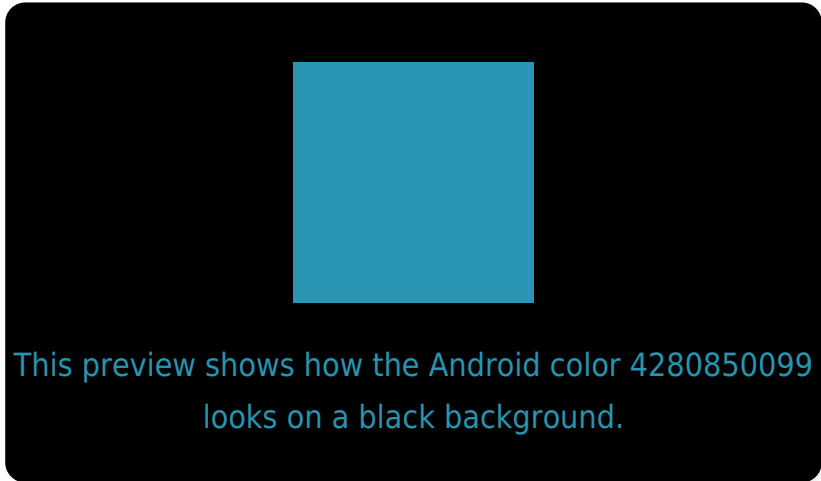
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280850099 Background



This preview shows how black text looks on a background with the Android color 4280850099.

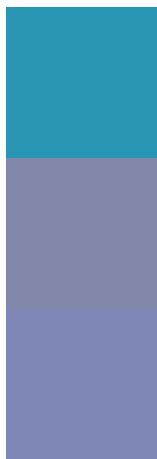


This preview shows how white text looks on a background with the Android color 4280850099.

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
4280850099

Protanopia
4286744745

Deuteranopia
4286482358

Trichromacy



Original Color
4280850099



Protanomaly
4284583341



Deuteranomaly
4284452021



Tritanomaly
4280194986

Monochromacy



Original Color
4280850099



Achromatopsia
4286085240



Achromatomaly
4284187533

CSS Examples

Text

The CSS property to change the color of the text to Android 4280850099 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(40, 150, 179)` looks like.

```
.text, #text, p{  
    color:rgb(40, 150, 179)  
}
```

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(40, 150, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 150, 179) }
```

Border

The CSS property to change the border of an element to Android 4280850099 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(40, 150, 179) }
```

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

```
.border{ border-color:rgb(40, 150, 179) }
```

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

Here you see how a box with a 4 pixel rgb(40, 150, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 150, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 150, 179);  
box-shadow:4px 4px 4px 4px rgb(40, 150,  
179) }
```

Background

The CSS property to change the background color of an element to Android 4280850099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 150, 179) }
```

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

```
.background{ background-color: rgb(40, 150,  
179) }
```

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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