

Converting Colors

Android(4280189603)

Have a look what the booklet for
Android(4280189603) contains.

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Color

Android(4280189603)

Conversions

Conversions Part 1

Format	Color
Hex	1E82A3
RGB	30, 130, 163
RGB Percent	12%, 51%, 64%
CMY	0.8824, 0.4902, 0.3608
CMYK	0.82, 0.20, 0.00, 0.36
HSL	195°, 69%, 38%
HSV	195°, 82%, 64%
XYZ	15.1289, 18.8856, 37.4982
YIQ	103.8620, -70.1930, -10.9370

Conversions

Conversions Part 2

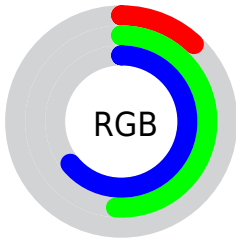
Format	Color
R_{YB}	30, 87, 163
Decimal	1999523
CIE _{Lab}	50.55, -15.89, -25.44
CIE _{LCh}	51, 29.999, 238.007
Yxy	18.8856, 0.2116, 0.2641
Android (android.graphics.Color)	4280189603 (0xFF1E82A3)
YUV	103.8620, 29.1550, -64.7770
Hunter-Lab	43.4576, -13.9095, -20.7392

Details

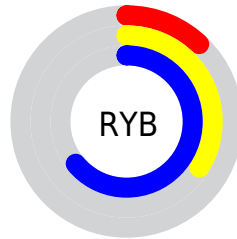
The Android color `4280189603` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4288888606`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284659674`, and `4278210927` is the 20% darker color. If you saturate the color by 10%, you get `4279140003`, and if you desaturate by 10%, it is `4281239203`.

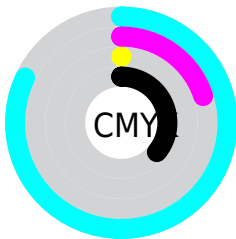
Distribution



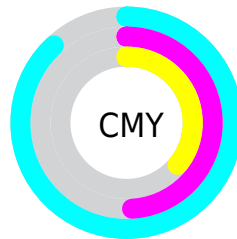
- Red (12%)
- Green (51%)
- Blue (64%)



- Red (12%)
- Yellow (34%)
- Blue (64%)



- Cyan (82%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (88%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280189603 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 4280189603 by changing the saturation by 10% instead.



4280189603



4280189603

4294967295



4278217097



4284659674



4278210927



4286632951



4278205015



4288540671



4278199359



4290445311



4278191913



4292345855



4278190356



4294311935



4278190080



4280189603



4280189603



4279140003



4281239203

■ 4278221731

■ 4282354339

■ 4283403939

■ 4284453539

■ 4285568675

■ 4286618275

■ 4287667875

■ 4288717475

■ 4289832611

Harmonies

Analogous

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



4278224271



4280189603



4283464619

Triad

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



4280189603



4289160315



4285562442

Complementary

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



4280189603



4288888606

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.



4287329861



4280189603



4289291874

Square

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



4280189603



4288113044



4288638286



4283597660

Rectangle

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



4280189603



4285298345



4288638286



4286217287

Sweetspot

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



4280189603



4288792532



4280197949



4283196267



4293651435



4285229931

Same Dimension

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



4280189603



4278493396



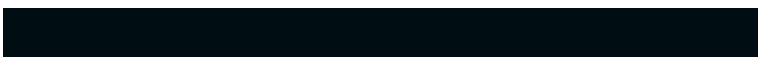
4280172963



4282994770



4278218129



4278193426

Inverse Universe

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



4288880258



4292084896



4288905246



4283582800



4287692909



4279369741

Previews

White Background



This preview shows how the Android color 4280189603 looks on a white background.

Color Contrast Check

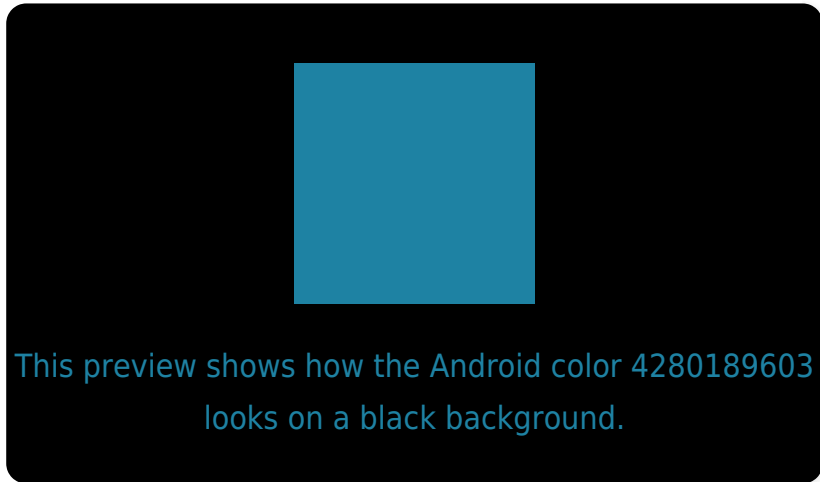
Large Text (above 18pt) WCAG AA ✓ Pass

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

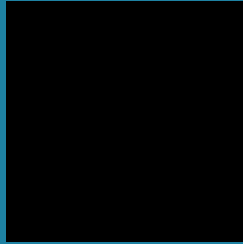
Any Text WCAG AA ✓ Pass

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 4280189603 Background



This preview shows how black text looks on a background with the Android color 4280189603.

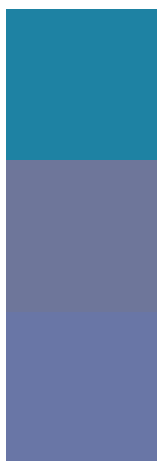


This preview shows how white text looks on a background with the Android color 4280189603.

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
4280189603

Protanopia
4285429402

Deuteranopia
4285101734

Trichromacy



Original Color
4280189603

Protanomaly
4283529885

Deuteranomaly
428333285

Tritanomaly
4278944919

Monochromacy



Original Color
4280189603

Achromatopsia
4285032552

Achromatomaly
4283265405

CSS Examples

Text

The CSS property to change the color of the text to Android 4280189603 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(30, 130, 163)` looks like.

```
.text, #text, p{  
    color:rgb(30, 130, 163)  
}
```

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(30, 130, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 130, 163) }
```

Border

The CSS property to change the border of an element to Android 4280189603 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(30, 130, 163) }
```

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

```
.border{ border-color:rgb(30, 130, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 130, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 130, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 130, 163);  
box-shadow:4px 4px 4px 4px rgb(30, 130,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4280189603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 130, 163) }
```

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

```
.background{ background-color: rgb(30, 130,  
163) }
```

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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