

Converting Colors

Android(4280192684)

Have a look what the booklet for
Android(4280192684) contains.

Android(4280192684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280192684)

Conversions

Conversions Part 1

Format	Color
Hex	1E8EAC
RGB	30, 142, 172
RGB Percent	12%, 56%, 67%
CMY	0.8824, 0.4431, 0.3255
CMYK	0.83, 0.17, 0.00, 0.33
HSL	193°, 70%, 40%
HSV	193°, 83%, 67%
XYZ	17.6548, 22.6006, 42.4616
YIQ	111.9320, -76.3820, -14.4140

Conversions

Conversions Part 2

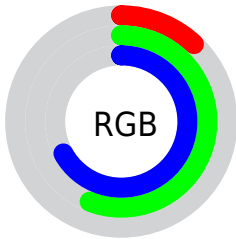
Format	Color
R_{YB}	30, 93, 172
Decimal	2002604
CIE _{Lab}	54.66, -19.28, -24.29
CIE _{LCh}	55, 31.014, 231.568
Yxy	22.6006, 0.2134, 0.2732
Android (android.graphics.Color)	4280192684 (0xFF1E8EAC)
YUV	111.9320, 29.6135, -71.8544
Hunter-Lab	47.5401, -16.9061, -19.6783

Details

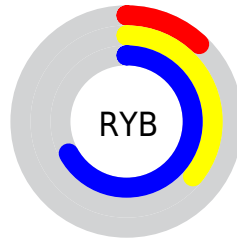
The Android color `4280192684` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289477662`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4284859619`, and `4278213752` is the 20% darker color. If you saturate the color by 10%, you get `4279077548`, and if you desaturate by 10%, it is `4281307820`.

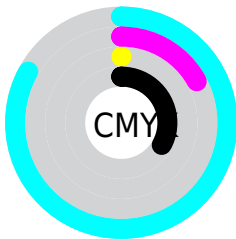
Distribution



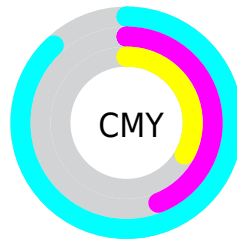
- Red (12%)
- Green (56%)
- Blue (67%)



- Red (12%)
- Yellow (36%)
- Blue (67%)



- Cyan (83%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (88%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280192684 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 4280192684 by changing the saturation by 10% instead.

 4280192684

 4280192684

4294967295

 4278219921

 4284859619

 4278213752

 4286832895

 4278207583

 4288740863

 4278201671

 4290707455

 4278197040

 4292673535

 4278190363

 4294639615

 4278190080

 4280192684

 4280192684

 4279077548

 4281307820

■ 4278225068

■ 4282422700

■ 4283603372

■ 4284718508

■ 4285833388

■ 4286948524

■ 4288063404

■ 4289244076

■ 4290359212

Harmonies

Analogous

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



4279734678



4280192684



4283402423

Triad

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



4280192684



4289884043



4286678864

Complementary

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



4280192684



4289477662

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.



4288380750



4280192684



4290211696

Square

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



4280192684



4288509348



4289688922



4284648801

Rectangle

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



4280192684



4285366967



4289688922



4287267917

Sweetspot

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



4280192684



4289254880



4280200250



4283394416



4293980400



4285558896

Same Dimension

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



4280192684



4278366688



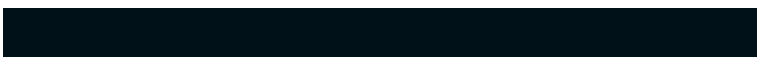
4280175020



4283323735



4278220694



4278194711

Inverse Universe

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



4289470094



4292870833



4289495326



4283911765



4288020599



4279697426

Previews

White Background



This preview shows how the Android color 4280192684 looks on a white background.

Color Contrast Check

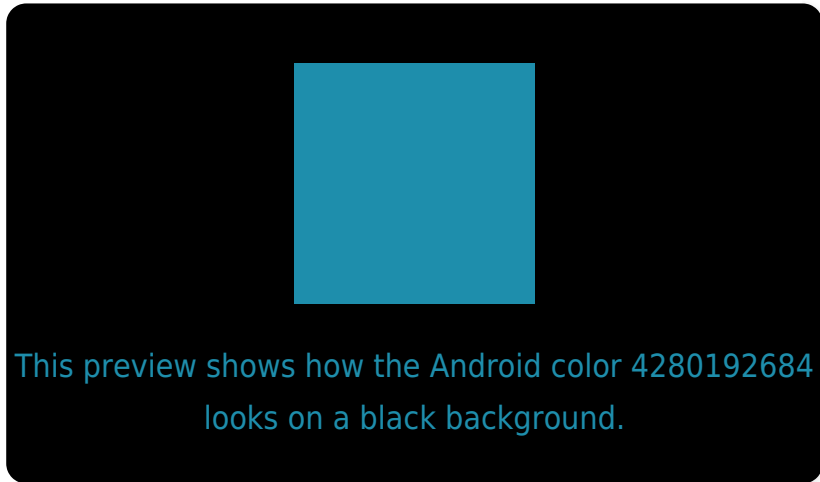
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280192684 Background



This preview shows how black text looks on a background with the Android color 4280192684.



This preview shows how white text looks on a background with the Android color 4280192684.

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

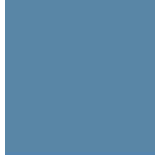


Trichromacy



Original Color

4280192684



Protanomaly

4284057254



Deuteranomaly

4283794862



Tritanomaly

4278948002

Monochromacy



Original Color

4280192684



Achromatopsia

4285558896



Achromatomaly

4283595654

CSS Examples

Text

The CSS property to change the color of the text to Android 4280192684 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, 142, 172)` looks like.

```
.text, #text, p{  
    color:rgb(30, 142, 172)  
}
```

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, 142, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 142, 172) }
```

Border

The CSS property to change the border of an element to Android 4280192684 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, 142, 172) }
```

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

```
.border{ border-color:rgb(30, 142, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 142, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 142, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 142, 172);  
box-shadow:4px 4px 4px 4px rgb(30, 142,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4280192684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 142, 172) }
```

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

```
.background{ background-color: rgb(30, 142,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor