

Converting Colors

Android(4280192898)

Have a look what the booklet for
Android(4280192898) contains.

Android(4280192898)	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(4280192898)

Conversions

Conversions Part 1

Format	Color
Hex	1E8F82
RGB	30, 143, 130
RGB Percent	12%, 56%, 51%
CMY	0.8824, 0.4392, 0.4902
CMYK	0.79, 0.00, 0.09, 0.44
HSL	173°, 65%, 34%
HSV	173°, 79%, 56%
XYZ	14.3871, 21.5326, 24.5170
YIQ	107.7310, -63.1750, -27.9990

Conversions

Conversions Part 2

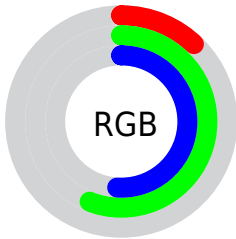
Format	Color
RYB	30, 90, 143
Decimal	2002818
CIELab	53.53, -33.22, -1.80
CIElCh	54, 33.266, 183.100
Yxy	21.5326, 0.2381, 0.3563
Android (android.graphics.Color)	4280192898 (0xFF1E8F82)
YUV	107.7310, 10.9786, -68.1701
Hunter-Lab	46.4033, -25.8626, 1.1566

Details

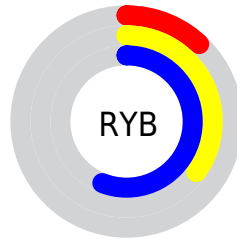
The Android color `4280192898` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287569451`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4284532151`, and `4278213713` is the 20% darker color. If you saturate the color by 10%, you get `4279275392`, and if you desaturate by 10%, it is `4281110404`.

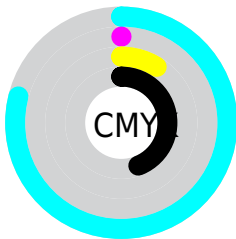
Distribution



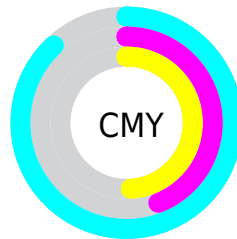
- Red (12%)
- Green (56%)
- Blue (51%)



- Red (12%)
- Yellow (35%)
- Blue (56%)



- Cyan (79%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)



- Cyan (88%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280192898 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 4280192898 by changing the saturation by 10% instead.

 4280192898

 4280192898

4294967295

 4278220137

 4284532151

 4278213713

 4286374610

 4278207546

 4288282351

 4278201636

 4290183167

 4278195472

 4292083711

 4278190080

 4294049791

 4280192898

 4280192898

 4279275392

 4281110404

■ 4278292351

■ 4282093445

■ 4278226815

■ 4283010951

■ 4283928457

■ 4284911498

■ 4285829004

■ 4286746510

■ 4287664015

■ 4288647057

Harmonies

Analogous

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



4283338085



4280192898



4278226590

Triad

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



4280192898



4287068080



4289164621

Complementary

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



4280192898



4287569451

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.



4290079842



4280192898



4289097370

Square

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



4280192898



4284056249



4290144638



4287594310

Rectangle

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



4280192898



4278226093



4290144638



4289557075

Sweetspot

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



4280192898



4287478453



4281044766



4282605147



4292796126



4284374622

Same Dimension

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



4280192898



4278827686



4280181903



4282402631



4278224760



4278192135

Inverse Universe

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



4287569451



4290382110



4287580446



4282859585



4287037456



4278714369

Previews

White Background



This preview shows how the Android color 4280192898 looks on a white background.

Color Contrast Check

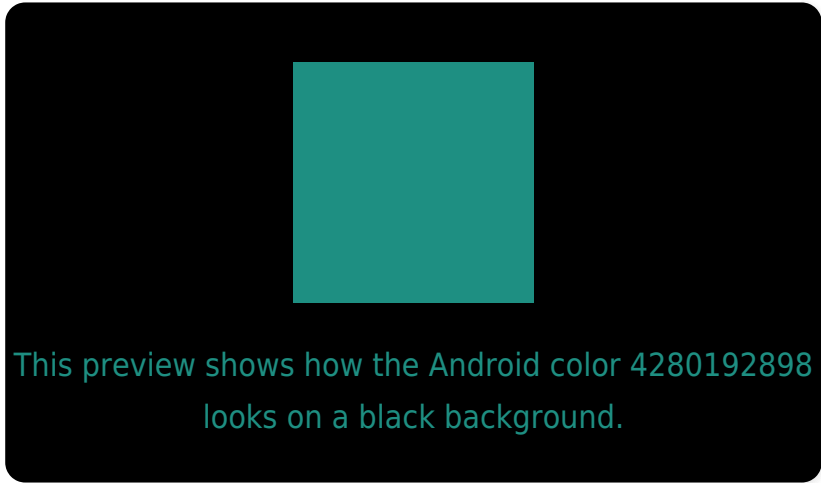
Large Text (above 18pt) WCAG AA ✓ Pass

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

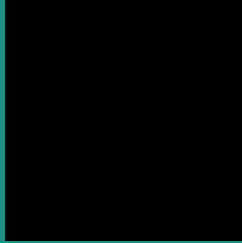
Any Text WCAG AA ✓ Pass

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 4280192898 Background



This preview shows how black text looks on a background with the Android color 4280192898.

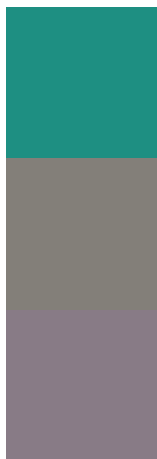


This preview shows how white text looks on a background with the Android color 4280192898.

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

4280192898

Protanopia

4286807929

Deuteranopia

4287134598

Trichromacy



Original Color
4280192898



Protanomaly
4284384636



Deuteranomaly
4284580485



Tritanomaly
4280847759

Monochromacy



Original Color
4280192898



Achromatopsia
4285295724



Achromatomaly
4283464052

CSS Examples

Text

The CSS property to change the color of the text to Android 4280192898 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, 143, 130)` looks like.

```
.text, #text, p{  
    color:rgb(30, 143, 130)  
}
```

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, 143, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 143, 130) }
```

Border

The CSS property to change the border of an element to Android 4280192898 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, 143, 130) }
```

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

```
.border{ border-color:rgb(30, 143, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 143, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 143, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 143, 130);  
box-shadow:4px 4px 4px 4px rgb(30, 143,  
130) }
```

Background

The CSS property to change the background color of an element to Android 4280192898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 143, 130) }
```

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

```
.background{ background-color: rgb(30, 143,  
130) }
```

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