

Converting Colors

Android(4280796104)

Have a look what the booklet for
Android(4280796104) contains.

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Color

Android(4280796104)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 27C3C8 |
| RGB | 39, 195, 200 |
| RGB Percent | 15%, 76%, 78% |
| CMY | 0.8471, 0.2353, 0.2157 |
| CMYK | 0.80, 0.03, 0.00, 0.22 |
| HSL | 182°, 67%, 47% |
| HSV | 182°, 80%, 78% |
| XYZ | 30.7771, 43.6317, 61.4432 |
| YIQ | 148.9260, -94.5810, -31.5170 |

Conversions

Conversions Part 2

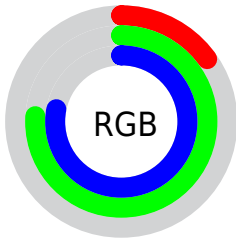
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 39, 118, 200 |
| Decimal | 2606024 |
| CIE Lab | 71.98, -35.88, -13.58 |
| CIE LCh | 72, 38.368, 200.729 |
| Yxy | 43.6317, 0.2265, 0.3212 |
| Android (android.graphics.Color) | 4280796104 (0xFF27C3C8) |
| YUV | 148.9260, 25.1795, -96.4051 |
| Hunter-Lab | 66.0543, -32.4252, -8.9131 |

Details

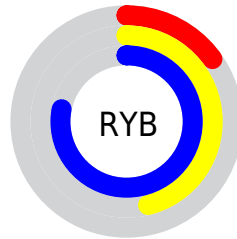
The Android color `4280796104` is a dark color, and the websafe version is hex `33CCCC`. The color can be described as middle muted cyan. A complement of this color would be `4291308583`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4285791487`, and `4278226322` is the 20% darker color. If you saturate the color by 10%, you get `4279485128`, and if you desaturate by 10%, it is `4282107080`.

Distribution



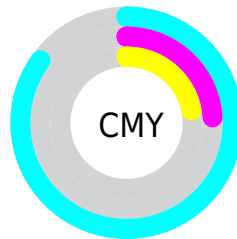
- Red (15%)
- Green (76%)
- Blue (78%)



- Red (15%)
- Yellow (46%)
- Blue (78%)



- Cyan (80%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280796104 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 4280796104 by changing the saturation by 10% instead.

 4280796104

 4280796104

4294967295

 4278233005

 4285791487


 4278226322

 4287889407

 4278219640

 4289921023

 4278212960

 4291952639

 4278206792

 4293918719

 4278201138

 4278193949

 4278190080

 4280796104

 4280796104

■ 4279485128

■ 4282107080

■ 4278239944

■ 4283417800

■ 4284728776

■ 4286039496

■ 4287350472

■ 4288661448

■ 4289972168

■ 4291283144

■ 4292594120

Harmonies

Analogous

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



4284072868



4280796104



4281188326

Triad

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



4280796104



4291993565



4291930987

Complementary

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



4280796104



4291308583

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.



4293566332



4280796104



4293760701

Square

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



4280796104



4289047538



4294284953



4289705582

Rectangle

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



4280796104



4283874034



4294284953



4292585071

Sweetspot

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



4280796104



4290969087



4280797226



4284186240



4278190080



4286611584

Same Dimension

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



4280796104



4278777855



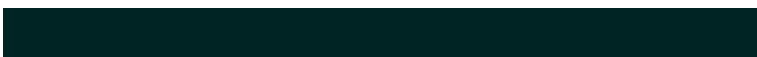
4280776136



4284113763



4278230691



4278199076

Inverse Universe

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



4291307459



4294904055



4291328551



4284701283



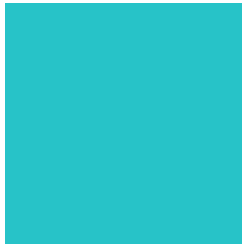
4288872606



4280549411

Previews

White Background



This preview shows how the Android color 4280796104 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4280796104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

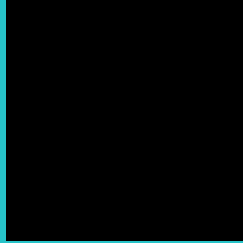
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

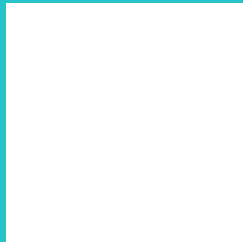
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280796104 Background



This preview shows how black text looks on a background with the Android color 4280796104.



This preview shows how white text looks on a background with the Android color 4280796104.

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

4280796104



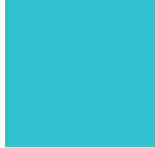
Protanomaly

4286494400



Deuteranomaly

4286559435



Tritanomaly

4281189070

Monochromacy



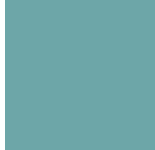
Original Color

4280796104



Achromatopsia

4287993237



Achromatomaly

4285376168

CSS Examples

Text

The CSS property to change the color of the text to Android 4280796104 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(39, 195, 200)` looks like.

```
.text, #text, p{  
    color:rgb(39, 195, 200)  
}
```

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(39, 195, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 195, 200) }
```

Border

The CSS property to change the border of an element to Android 4280796104 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(39, 195, 200) }
```

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

```
.border{ border-color:rgb(39, 195, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 195, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 195, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 195, 200);  
box-shadow:4px 4px 4px 4px rgb(39, 195,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4280796104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 195, 200) }
```

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

```
.background{ background-color: rgb(39, 195,  
200) }
```

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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