

Converting Colors

Android(4280936664)

Have a look what the booklet for
Android(4280936664) contains.

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Color

Android(4280936664)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 29E8D8 |
| RGB | 41, 232, 216 |
| RGB Percent | 16%, 91%, 85% |
| CMY | 0.8392, 0.0902, 0.1529 |
| CMYK | 0.82, 0.00, 0.07, 0.09 |
| HSL | 175°, 81%, 54% |
| HSV | 175°, 82%, 91% |
| XYZ | 42.1657, 63.1425, 74.9311 |
| YIQ | 173.0670, -108.7000, -45.4680 |

Conversions

Conversions Part 2

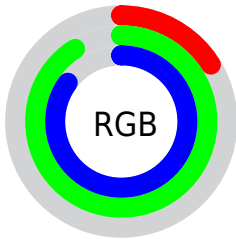
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 41, 141, 232 |
| Decimal | 2746584 |
| CIE Lab | 83.52, -47.62, -4.99 |
| CIE LCh | 84, 47.877, 185.987 |
| Yxy | 63.1425, 0.2339, 0.3503 |
| Android (android.graphics.Color) | 4280936664 (0xFF29E8D8) |
| YUV | 173.0670, 21.1660, -115.8228 |
| Hunter-Lab | 79.4623, -44.3400, -0.2855 |

Details

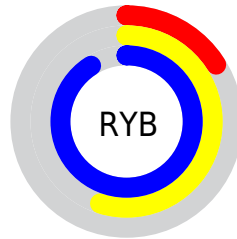
The Android color `4280936664` is a light color, and the websafe version is hex `33FFFF`. The color can be described as light washed cyan. A complement of this color would be `4293404985`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4286316543`, and `4278235041` is the 20% darker color. If you saturate the color by 10%, you get `4279429334`, and if you desaturate by 10%, it is `4282443994`.

Distribution



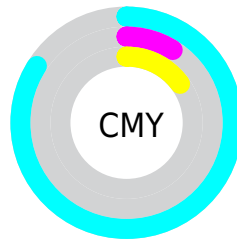
- Red (16%)
- Green (91%)
- Blue (85%)



- Red (16%)
- Yellow (55%)
- Blue (91%)



- Cyan (82%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (84%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280936664 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 4280936664 by changing the saturation by 10% instead.

 4280936664

 4280936664

4294967295

 4278242236

 4286316543

 4278235041

 4288479231

 4278228103

 4290576383

 4278221422

 4292673535

 4278214742

 4294770687

 4278208319

 4278202409

 4278195477

 4278190080

■ 4280936664

■ 4280936664

■ 4279429334

■ 4282443994

■ 4278249685

■ 4283951324

■ 4285524190

■ 4287031520

■ 4288538850

■ 4290046180

■ 4291553510

■ 4293126376

■ 4294633705

Harmonies

Analogous

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



4286309802



4280936664



4278249215

Triad

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



4280936664



4292985343



4294951294

Complementary

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



4280936664



4293404985

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.



4294947485



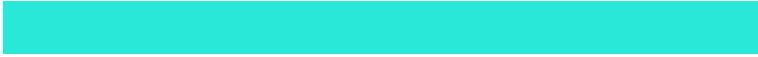
4280936664



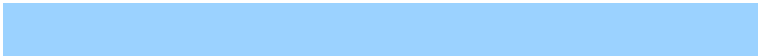
4294947574

Square

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



4280936664



4288402175



4294945993



4293185653

Rectangle

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



4280936664



4278248191



4294945993



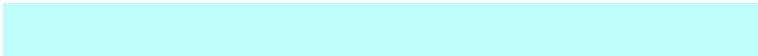
4294950023

Sweetspot

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



4280936664



4290772986



4282181673



4284055676



4278190080



4286611584

Same Dimension

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



4280936664



4278452202



4280917224



4284969842



4278236068



4278203183

Inverse Universe

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



4293404985



4294902552



4293424425



4285753192



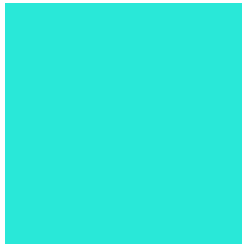
4289921039



4281532420

Previews

White Background



This preview shows how the Android color 4280936664 looks on a white background.

Color Contrast Check

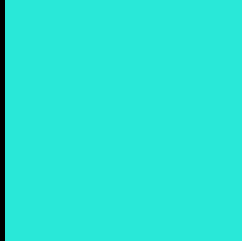
Large Text (above 18pt) WCAG AA × Fail

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 4280936664 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

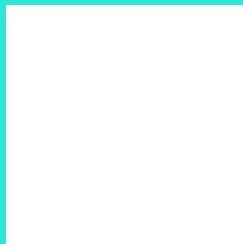
Any Text WCAG AAA ✓ Pass

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

Android 4280936664 Background



This preview shows how black text looks on a background with the Android color 4280936664.

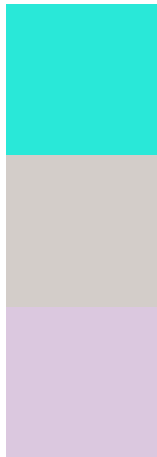


This preview shows how white text looks on a background with the Android color 4280936664.

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
4280936664

Protanopia
4292070857

Deuteranopia
4292593887

Trichromacy



Original Color

4280936664



Protanomaly

4288010190



Deuteranomaly

4288337116



Tritanomaly

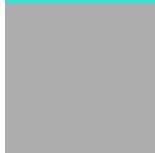
4281984491

Monochromacy



Original Color

4280936664



Achromatopsia

4289572269



Achromatomaly

4286431933

CSS Examples

Text

The CSS property to change the color of the text to Android 4280936664 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(41, 232, 216)` looks like.

```
.text, #text, p{  
    color:rgb(41, 232, 216)  
}
```

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(41, 232, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 232, 216) }
```

Border

The CSS property to change the border of an element to Android 4280936664 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(41, 232, 216) }
```

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

```
.border{ border-color:rgb(41, 232, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 232, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 232, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 232, 216);  
box-shadow:4px 4px 4px 4px rgb(41, 232,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4280936664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 232, 216) }
```

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

```
.background{ background-color: rgb(41, 232,  
216) }
```

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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