

Converting Colors

Android(4281916084)

Have a look what the booklet for
Android(4281916084) contains.

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Color

Android(4281916084)

Conversions

Conversions Part 1

Format	Color
Hex	38DAB4
RGB	56, 218, 180
RGB Percent	22%, 85%, 71%
CMY	0.7804, 0.1451, 0.2941
CMYK	0.74, 0.00, 0.17, 0.15
HSL	166°, 69%, 54%
HSV	166°, 74%, 85%
XYZ	34.9405, 54.2788, 51.8153
YIQ	165.2300, -84.3540, -46.1620

Conversions

Conversions Part 2

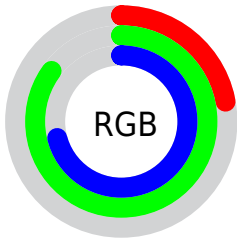
Format	Color
RYB	56, 148, 218
Decimal	3726004
CIELab	78.62, -49.68, 7.00
CIELCh	79, 50.174, 171.981
Yxy	54.2788, 0.2477, 0.3849
Android (android.graphics.Color)	4281916084 (0xFF38DAB4)
YUV	165.2300, 7.2816, -95.7947
Hunter-Lab	73.6742, -44.2749, 9.8730

Details

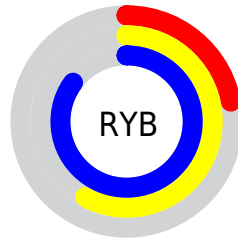
The Android color `4281916084` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4292491358`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4286513132`, and `4278231679` is the 20% darker color. If you saturate the color by 10%, you get `4280474287`, and if you desaturate by 10%, it is `4283357881`.

Distribution



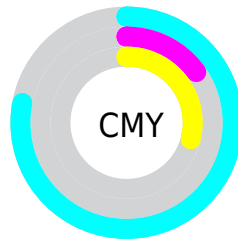
- Red (22%)
- Green (85%)
- Blue (71%)



- Red (22%)
- Yellow (58%)
- Blue (85%)



- Cyan (74%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (78%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281916084 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 4281916084 by changing the saturation by 10% instead.



4281916084



4281916084

4294967295



4278238873



4286513132



4278231679



4288544767



4278224742



4290576383



4278218062



4292607999



4278211383



4294639615



4278205218



4278199565



4278190080



4281916084



4281916084

■ 4280474287

■ 4283357881

■ 4279032490

■ 4284799678

■ 4278246055

■ 4286175939

■ 4287617736

■ 4289059534

■ 4290501331

■ 4291943128

■ 4293319389

■ 4294761186

Harmonies

Analogous

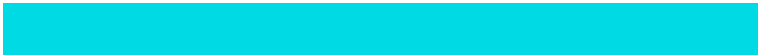
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287026567



4281916084



4278246116

Triad

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



4281916084



4290034687



4294945659

Complementary

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



4281916084



4292491358

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.



4294942370



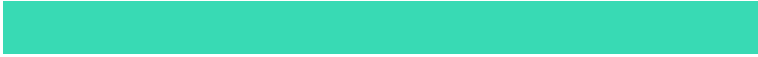
4281916084



4294028029

Square

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



4281916084



4284009471



4294942417



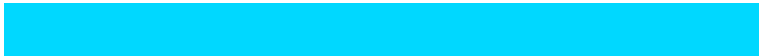
4293573733

Rectangle

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



4281916084



4278245631



4294942417



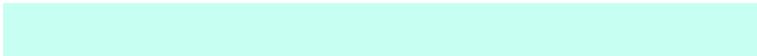
4294944390

Sweetspot

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



4281916084



4291297266



4284537400



4284383352



4278190080



4286611584

Same Dimension

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



4281916084



4280090570



4281905882



4284706411



4278234501



4278201891

Inverse Universe

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



4292491358



4294909009



4292501560



4285424485



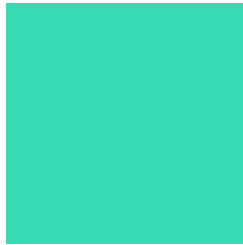
4289527849



4281204747

Previews

White Background



This preview shows how the Android color 4281916084 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 4281916084 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

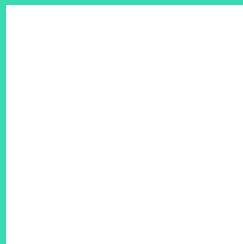
Any Text WCAG AAA ✓ Pass

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

Android 4281916084 Background



This preview shows how black text looks on a background with the Android color 4281916084.

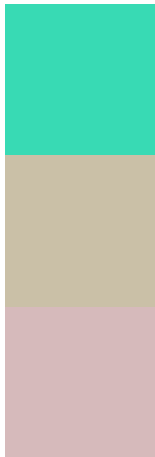


This preview shows how white text looks on a background with the Android color 4281916084.

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
4281916084

Protanopia
4291477671

Deuteranopia
4292262587

Trichromacy



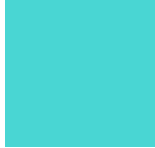
Original Color
4281916084



Protanomaly
4288006572



Deuteranomaly
4288530104



Tritanomaly
4283029203

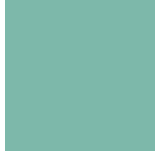
Monochromacy



Original Color
4281916084



Achromatopsia
4289045925



Achromatomaly
4286429354

CSS Examples

Text

The CSS property to change the color of the text to Android 4281916084 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(56, 218, 180)` looks like.

```
.text, #text, p{  
    color:rgb(56, 218, 180)  
}
```

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(56, 218, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 218, 180) }
```

Border

The CSS property to change the border of an element to Android 4281916084 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(56, 218, 180) }
```

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

```
.border{ border-color:rgb(56, 218, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 218, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 218, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 218, 180);  
box-shadow:4px 4px 4px 4px rgb(56, 218,  
180) }
```

Background

The CSS property to change the background color of an element to Android 4281916084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 218, 180) }
```

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

```
.background{ background-color: rgb(56, 218,  
180) }
```

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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