

Converting Colors

Android(4278236876)

Have a look what the booklet for
Android(4278236876) contains.

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Color

Android(4278236876)

Conversions

Conversions Part 1

Format	Color
Hex	00B6CC
RGB	0, 182, 204
RGB Percent	0%, 71%, 80%
CMY	1.0000, 0.2863, 0.2000
CMYK	1.00, 0.11, 0.00, 0.20
HSL	186°, 100%, 40%
HSV	186°, 100%, 80%
XYZ	27.6270, 37.8155, 62.9698
YIQ	130.0900, -115.5340, -31.7420

Conversions

Conversions Part 2

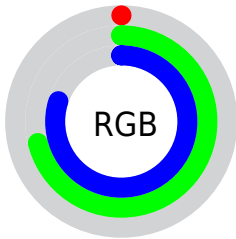
Format	Color
RYB	0, 96, 204
Decimal	46796
CIELab	67.88, -30.36, -22.00
CIELCh	68, 37.496, 215.929
Yxy	37.8155, 0.2151, 0.2945
Android (android.graphics.Color)	4278236876 (0xFF00B6CC)
YUV	130.0900, 36.4376, -114.0889
Hunter-Lab	61.4943, -27.4219, -17.6665

Details

The Android color **4278236876** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **4291565056**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4285001471**, and **4278223254** is the 20% darker color. If you saturate the color by 10%, you get **4278236876**, and if you desaturate by 10%, it is **4279548108**.

Distribution



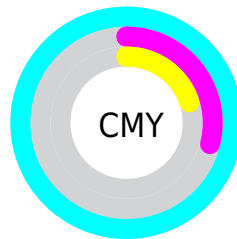
- Red (0%)
- Green (71%)
- Blue (80%)



- Red (0%)
- Yellow (38%)
- Blue (80%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236876 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 4278236876 by changing the saturation by 10% instead.

 4278236876

 4278236876

4294967295

 4278229937

 4285001471

 4278223254

 4287168511

 4278216572

 4289200127

 4278210403

 4291231743

 4278204235

 4293263359

 4278199092

 4278190623

 4278190083

 4278190080

■ 4278236876

■ 4279548108

■ 4280924876

■ 4282236364

■ 4283613132

■ 4284924364

■ 4286235596

■ 4287612364

■ 4288923852

■ 4290300620

Harmonies

Analogous

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



4281776299



4278236876



4282495202

Triad

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



4278236876



4292251586



4290094689

Complementary

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



4278236876



4291565056

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.



4291992168



4278236876



4293299104

Square

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



4278236876



4289895132



4293169023



4287737709

Rectangle

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



4278236876



4285311720



4293169023



4290814561

Sweetspot

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



4278236876



4289984511



4278242324



4283595648



4278190080



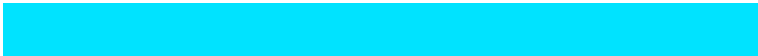
4286611584

Same Dimension

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



4278236876



4278248447



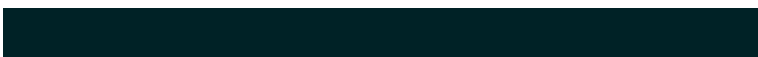
4278211276



4284245350



4278228134



4278198822

Inverse Universe

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



4291559606



4294901987



4291590656



4284898405



4289069204



4280680482

Previews

White Background



This preview shows how the Android color 4278236876 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 4278236876 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 4278236876 Background



This preview shows how black text looks on a background with the Android color 4278236876.



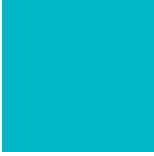
This preview shows how white text looks on a background with the Android color 4278236876.

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

4278236876



Protanomaly

4284852932



Deuteranomaly

4284787151



Tritanomaly

4278237128

Monochromacy



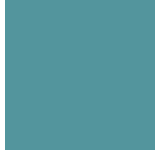
Original Color

4278236876



Achromatopsia

4286743170



Achromatomaly

4283667869

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236876 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(0, 182, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 182, 204)  
}
```

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(0, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 204) }
```

Border

The CSS property to change the border of an element to Android 4278236876 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(0, 182, 204) }
```

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

```
.border{ border-color:rgb(0, 182, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 182, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 182,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4278236876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 182, 204) }
```

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

```
.background{ background-color: rgb(0, 182,  
204) }
```

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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