

Converting Colors

Android(4280984010)

Have a look what the booklet for
Android(4280984010) contains.

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Color

Android(4280984010)

Conversions

Conversions Part 1

Format	Color
Hex	2AA1CA
RGB	42, 161, 202
RGB Percent	16%, 63%, 79%
CMY	0.8353, 0.3686, 0.2078
CMYK	0.79, 0.20, 0.00, 0.21
HSL	195°, 66%, 48%
HSV	195°, 79%, 79%
XYZ	24.3604, 30.2462, 60.4313
YIQ	130.0930, -84.0850, -12.4770

Conversions

Conversions Part 2

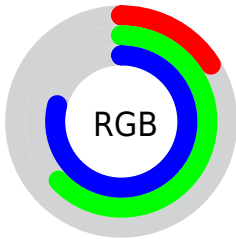
Format	Color
R _Y B	42, 110, 202
Decimal	2793930
CIE Lab	61.87, -18.03, -30.11
CIE LCh	62, 35.092, 239.091
Yxy	30.2462, 0.2118, 0.2629
Android (android.graphics.Color)	4280984010 (0xFF2AA1CA)
YUV	130.0930, 35.4502, -77.2576
Hunter-Lab	54.9966, -17.1786, -26.6514

Details

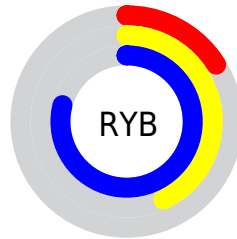
The Android color `4280984010` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle muted azure. A complement of this color would be `4291449642`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4285651199`, and `4278218132` is the 20% darker color. If you saturate the color by 10%, you get `4279672010`, and if you desaturate by 10%, it is `4282296010`.

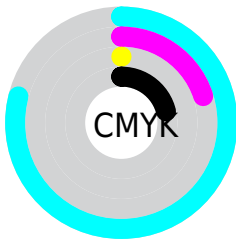
Distribution



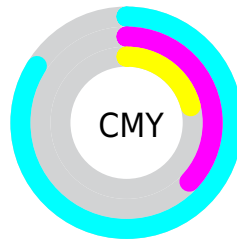
- Red (16%)
- Green (63%)
- Blue (79%)



- Red (16%)
- Yellow (43%)
- Blue (79%)



- Cyan (79%)
- Magenta (20%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (37%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280984010 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 4280984010 by changing the saturation by 10% instead.

 4280984010

 4280984010

4294967295

 4278224815

 4285651199


 4278218132

 4287689983

 4278211962

 4289658879

 4278206049

 4291690495

 4278200393

 4293656575

 4278194226

 4278190621

 4278190080

 4280984010

 4280984010

■ 4279672010

■ 4282296010

■ 4278360010

■ 4283608010

■ 4278228682

■ 4284985802

■ 4286297802

■ 4287609802

■ 4288921802

■ 4290233802

■ 4291611338

■ 4292923594

Harmonies

Analogous

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



4278232499



4280984010



4284914131

Triad

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



4280984010



4291788184



4287339870

Complementary

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



4280984010



4291449642

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.



4289434455



4280984010



4291919993

Square

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



4280984010



4290544566



4291004513



4284851060

Rectangle

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



4280984010



4287140560



4291004513



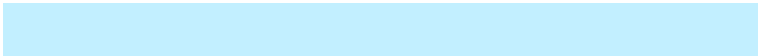
4288059994

Sweetspot

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



4280984010



4290965503



4280994386



4284184192



4278190080



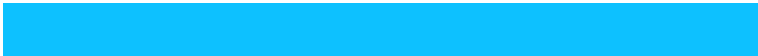
4286611584

Same Dimension

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



4280984010



4279091711



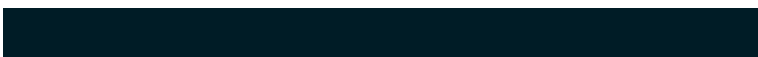
4280963786



4284244838



4278221734



4278197286

Inverse Universe

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



4291439265



4294905281



4291469866



4284898403



4289069179



4280680476

Previews

White Background



This preview shows how the Android color 4280984010 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 4280984010 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 4280984010 Background



This preview shows how black text looks on a background with the Android color 4280984010.



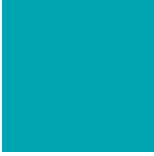
This preview shows how white text looks on a background with the Android color 4280984010.

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
4280984010



Protanomaly
4284913859



Deuteranomaly
4284651724



Tritanomaly
4279215291

Monochromacy



Original Color
4280984010



Achromatopsia
4286743170



Achromatomaly
4284648860

CSS Examples

Text

The CSS property to change the color of the text to Android 4280984010 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(42, 161, 202)` looks like.

```
.text, #text, p{  
    color:rgb(42, 161, 202)  
}
```

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(42, 161, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 161, 202) }
```

Border

The CSS property to change the border of an element to Android 4280984010 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(42, 161, 202) }
```

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

```
.border{ border-color:rgb(42, 161, 202) }
```

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

Here you see how a box with a 4 pixel rgb(42, 161, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 161, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 161, 202);  
box-shadow:4px 4px 4px 4px rgb(42, 161,  
202) }
```

Background

The CSS property to change the background color of an element to Android 4280984010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 161, 202) }
```

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

```
.background{ background-color: rgb(42, 161,  
202) }
```

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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