

Converting Colors

Android(4280793030)

Have a look what the booklet for
Android(4280793030) contains.

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Color

Android(4280793030)

Conversions

Conversions Part 1

Format	Color
Hex	27B7C6
RGB	39, 183, 198
RGB Percent	15%, 72%, 78%
CMY	0.8471, 0.2824, 0.2235
CMYK	0.80, 0.08, 0.00, 0.22
HSL	186°, 67%, 46%
HSV	186°, 80%, 78%
XYZ	27.9632, 38.3755, 59.3595
YIQ	141.6540, -90.6390, -25.8630

Conversions

Conversions Part 2

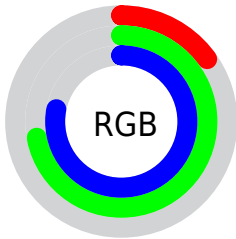
Format	Color
R_{YB}	39, 115, 198
Decimal	2602950
CIE _{Lab}	68.30, -30.80, -18.04
CIE _{LCh}	68, 35.696, 210.364
Yxy	38.3755, 0.2225, 0.3053
Android (android.graphics.Color)	4280793030 (0xFF27B7C6)
YUV	141.6540, 27.7786, -90.0276
Hunter-Lab	61.9480, -27.8343, -13.4490

Details

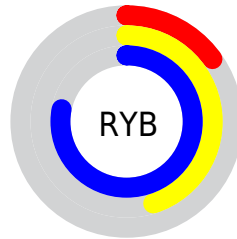
The Android color **4280793030** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **4291180071**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4285657087**, and **4278223504** is the 20% darker color. If you saturate the color by 10%, you get **4279481798**, and if you desaturate by 10%, it is **4282104262**.

Distribution



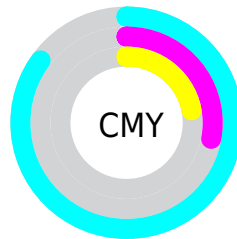
- Red (15%)
- Green (72%)
- Blue (78%)



- Red (15%)
- Yellow (45%)
- Blue (78%)



- Cyan (80%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280793030 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 4280793030 by changing the saturation by 10% instead.

 4280793030

 4280793030

4294967295

 4278230187

 4285657087


 4278223504

 4287758335

 4278216823

 4289724415

 4278210398

 4291756031

 4278204486

 4293722111

 4278199344

 4278190363

 4278190080

 4280793030

 4280793030

■ 4279481798

■ 4282104262

■ 4278236102

■ 4283415494

■ 4284661190

■ 4285972166

■ 4287283398

■ 4288594630

■ 4289905862

■ 4291151558

■ 4292462790

Harmonies

Analogous

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



4283021478



4280793030



4282626782

Triad

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



4280793030



4291859399



4290553190

Complementary

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



4280793030



4291180071

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.



4292254063



4280793030



4293103271

Square

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



4280793030



4289437406



4293169288



4288327278

Rectangle

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



4280793030



4284984806



4293169288



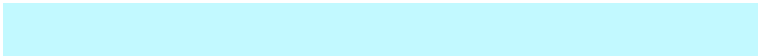
4291141991

Sweetspot

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



4280793030



4290968063



4280796724



4284185728



4278190080



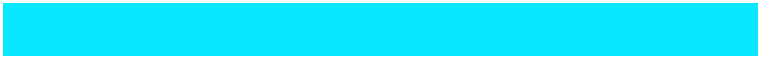
4286611584

Same Dimension

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



4280793030



4278905087



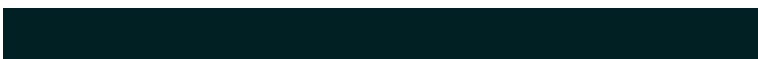
4280773062



4284113763



4278228131



4278198308

Inverse Universe

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



4291176375



4294904552



4291200039



4284701283



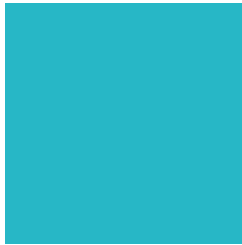
4288872596



4280549408

Previews

White Background



This preview shows how the Android color 4280793030 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 4280793030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

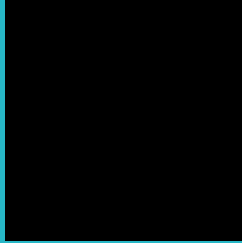
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

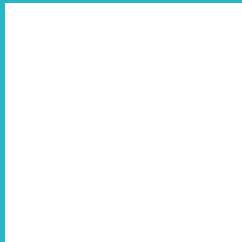
Any Text WCAG AAA ✓ Pass

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

Android 4280793030 Background



This preview shows how black text looks on a background with the Android color 4280793030.



This preview shows how white text looks on a background with the Android color 4280793030.

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



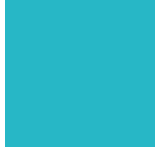
Original Color
4280793030



Protanomaly
4285901758



Deuteranomaly
4285901513



Tritanomaly
4280793030

Monochromacy



Original Color
4280793030



Achromatopsia
4287532686



Achromatomaly
4285111714

CSS Examples

Text

The CSS property to change the color of the text to Android 4280793030 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, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(39, 183, 198)  
}
```

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, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 183, 198) }
```

Border

The CSS property to change the border of an element to Android 4280793030 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, 183, 198) }
```

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

```
.border{ border-color:rgb(39, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(39, 183,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4280793030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 183, 198) }
```

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

```
.background{ background-color: rgb(39, 183,  
198) }
```

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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