

Converting Colors

Android(4279076772)

Have a look what the booklet for
Android(4279076772) contains.

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Color

Android(4279076772)

Conversions

Conversions Part 1

Format	Color
Hex	0D87A4
RGB	13, 135, 164
RGB Percent	5%, 53%, 64%
CMY	0.9490, 0.4706, 0.3569
CMYK	0.92, 0.18, 0.00, 0.36
HSL	192°, 85%, 35%
HSV	192°, 92%, 64%
XYZ	15.5308, 20.0938, 38.1819
YIQ	101.8280, -82.0210, -16.8450

Conversions

Conversions Part 2

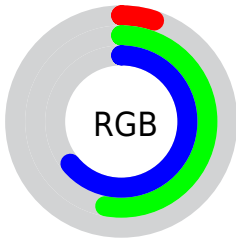
Format	Color
RYB	13, 80, 164
Decimal	886692
CIELab	51.94, -19.51, -23.89
CIELCh	52, 30.844, 230.770
Yxy	20.0938, 0.2104, 0.2723
Android (android.graphics.Color)	4279076772 (0xFF0D87A4)
YUV	101.8280, 30.6508, -77.9022
Hunter-Lab	44.8262, -16.6014, -19.1236

Details

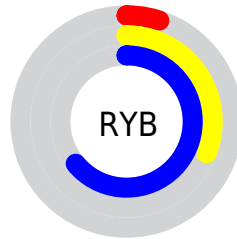
The Android color `4279076772` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4288948749`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4284333275`, and `4278211952` is the 20% darker color. If you saturate the color by 10%, you get `4278224292`, and if you desaturate by 10%, it is `4280126116`.

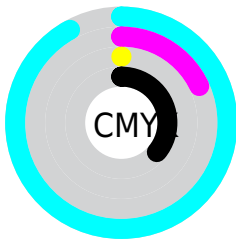
Distribution



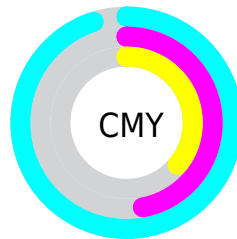
- Red (5%)
- Green (53%)
- Blue (64%)



- Red (5%)
- Yellow (31%)
- Blue (64%)



- Cyan (92%)
- Magenta (18%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279076772 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 4279076772 by changing the saturation by 10% instead.

 4279076772

 4279076772

4294967295

 4278218378

 4284333275

 4278211952

 4286306552

 4278206040

 4288214527

 4278200384

 4290183167

 4278193962

 4292149247

 4278190357

 4294115327

 4278190080

 4279076772

 4279076772

 4278224292

 4280126116

■ 4281240996

■ 4282290340

■ 4283405476

■ 4284454820

■ 4285504164

■ 4286619044

■ 4287668388

■ 4288783268

Harmonies

Analogous

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



4278684302



4279076772



4282810800

Triad

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



4279076772



4289357957



4286283850

Complementary

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



4279076772



4288948749

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.



4287919944



4279076772



4289685610

Square

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



4279076772



4287983262



4289162836



4284253786

Rectangle

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



4279076772



4284840880



4289162836



4286872903

Sweetspot

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



4279076772



4288334806



4279084073



4282868843



4293651435



4285229931

Same Dimension

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



4279076772



4278234582



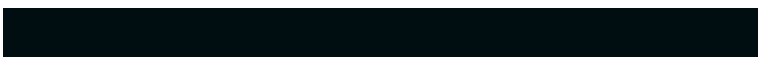
4279057828



4282994770



4278220177



4278193682

Inverse Universe

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



4288941447



4292214957



4288967693



4283582800



4287692917



4279369742

Previews

White Background



This preview shows how the Android color 4279076772 looks on a white background.

Color Contrast Check

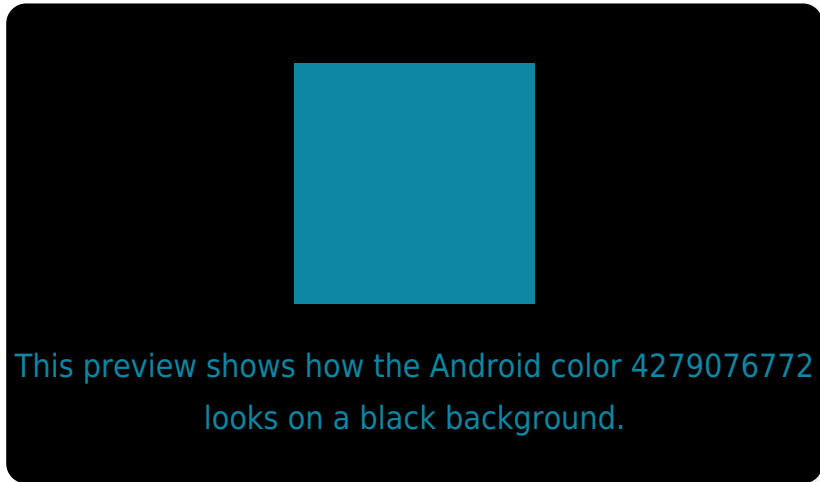
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

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

Android 4279076772 Background



This preview shows how black text looks on a background with the Android color 4279076772.



This preview shows how white text looks on a background with the Android color 4279076772.

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
4279076772

Protanopia
4285758106

Deuteranopia
4285430439

Trichromacy



Original Color
4279076772

Protanomaly
4283334558

Deuteranomaly
4283137958

Tritanomaly
4278552730

Monochromacy



Original Color
4279076772

Achromatopsia
4284900966

Achromatomaly
4282806909

CSS Examples

Text

The CSS property to change the color of the text to Android 4279076772 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(13, 135, 164)` looks like.

```
.text, #text, p{  
    color:rgb(13, 135, 164)  
}
```

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(13, 135, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 135, 164) }
```

Border

The CSS property to change the border of an element to Android 4279076772 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(13, 135, 164) }
```

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

```
.border{ border-color:rgb(13, 135, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 135, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(13, 135, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(13, 135, 164); box-shadow:4px 4px 4px 4px rgb(13, 135, 164) }
```

Background

The CSS property to change the background color of an element to Android 4279076772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 135, 164) }
```

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

```
.background{ background-color: rgb(13, 135,  
164) }
```

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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