

Converting Colors

Android(4280120976)

Have a look what the booklet for
Android(4280120976) contains.

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Color

Android(4280120976)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1D7690 |
| RGB | 29, 118, 144 |
| RGB Percent | 11%, 46%, 56% |
| CMY | 0.8863, 0.5373, 0.4353 |
| CMYK | 0.80, 0.18, 0.00, 0.44 |
| HSL | 194°, 66%, 34% |
| HSV | 194°, 80%, 56% |
| XYZ | 12.0192, 15.2317, 28.6921 |
| YIQ | 94.3530, -61.3900, -10.7820 |

Conversions

Conversions Part 2

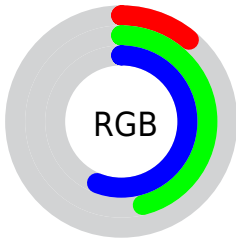
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 29, 79, 144 |
| Decimal | 1930896 |
| CIELab | 45.95, -16.06, -21.41 |
| CIElCh | 46, 26.765, 233.130 |
| Yxy | 15.2317, 0.2148, 0.2723 |
| Android (android.graphics.Color) | 4280120976 (0xFF1D7690) |
| YUV | 94.3530, 24.4760, -57.3146 |
| Hunter-Lab | 39.0278, -13.3270, -16.2688 |

Details

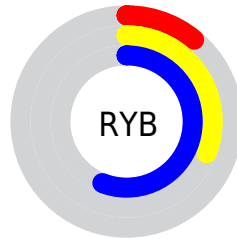
The Android color `4280120976` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4287641373`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284328646`, and `4278208094` is the 20% darker color. If you saturate the color by 10%, you get `4279202704`, and if you desaturate by 10%, it is `4281039248`.

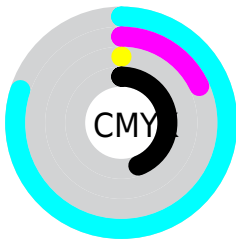
Distribution



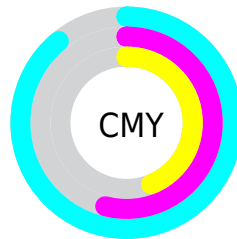
- Red (11%)
- Green (46%)
- Blue (56%)



- Red (11%)
- Yellow (31%)
- Blue (56%)



- Cyan (80%)
- Magenta (18%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280120976 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 4280120976 by changing the saturation by 10% instead.



4280120976



4280120976

4294967295



4278214006



4284328646



4278208094



4286236386



4278202182



4288078591



4278197039



4289986303



4278190363



4291887103



4278190080



4293853183



4280120976



4280120976



4279202704



4281039248

■ 4278218640

■ 4282023312

■ 4282941584

■ 4283925392

■ 4284843664

■ 4285762192

■ 4286746000

■ 4287664272

■ 4288648080

Harmonies

Analogous

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



4279597438



4280120976



4282675609

Triad

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



4280120976



4287978611



4285165891

Complementary

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



4280120976



4287641373

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.



4286605888



4280120976



4288240732

Square

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



4280120976



4286865800



4287717962



4283463249

Rectangle

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



4280120976



4284312728



4287717962



4285689665

Sweetspot

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



4280120976



4287475898



4280127542



4282603614



4292796126



4284374622

Same Dimension

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



4280120976



4278686394



4280106640



4282402375



4278217095



4278191624

Inverse Universe

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



4287634806



4290381714



4287655709



4282859590



4287037545



4278714374

Previews

White Background



This preview shows how the Android color 4280120976 looks on a white background.

Color Contrast Check

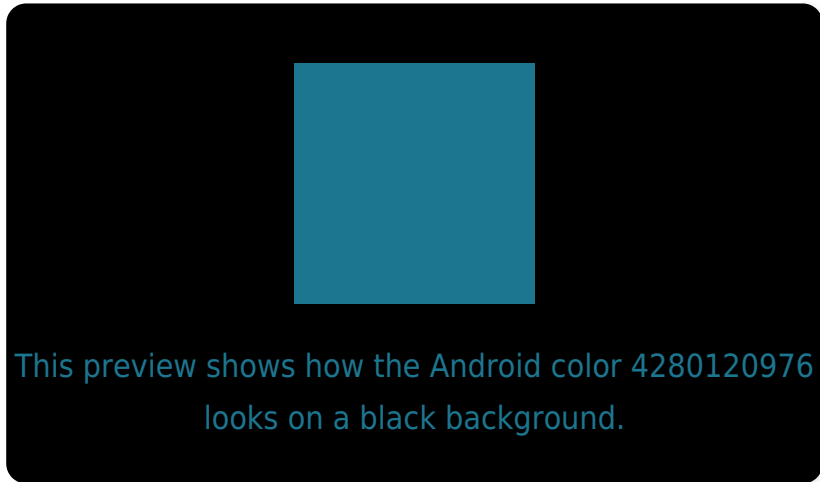
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

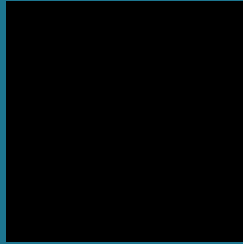
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4280120976 Background



This preview shows how black text looks on a background with the Android color 4280120976.

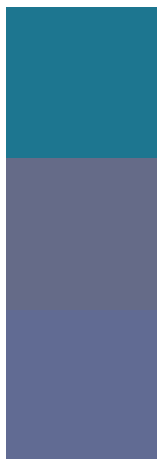


This preview shows how white text looks on a background with the Android color 4280120976.

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
4280120976

Protanopia
4284836744

Deuteranopia
4284574611

Trichromacy



Original Color
4280120976

Protanomaly
4283133835

Deuteranomaly
4282937234

Tritanomaly
4279072647

Monochromacy



Original Color
4280120976

Achromatopsia
4284374622

Achromatomaly
4282804080

CSS Examples

Text

The CSS property to change the color of the text to Android 4280120976 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(29, 118, 144)` looks like.

```
.text, #text, p{  
    color:rgb(29, 118, 144)  
}
```

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(29, 118, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 118, 144) }
```

Border

The CSS property to change the border of an element to Android 4280120976 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(29, 118, 144) }
```

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

```
.border{ border-color:rgb(29, 118, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 118, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 118, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 118, 144);  
box-shadow:4px 4px 4px 4px rgb(29, 118,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4280120976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 118, 144) }
```

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

```
.background{ background-color: rgb(29, 118,  
144) }
```

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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