

Converting Colors

Android(4280459424)

Have a look what the booklet for
Android(4280459424) contains.

Android(4280459424)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280459424)

Conversions

Conversions Part 1

Format	Color
Hex	22A0A0
RGB	34, 160, 160
RGB Percent	13%, 63%, 63%
CMY	0.8667, 0.3725, 0.3725
CMYK	0.79, 0.00, 0.00, 0.37
HSL	180°, 65%, 38%
HSV	180°, 79%, 63%
XYZ	19.5757, 28.0198, 37.6343
YIQ	122.3260, -75.0960, -26.7120

Conversions

Conversions Part 2

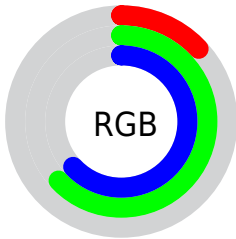
Format	Color
RYB	34, 97, 160
Decimal	2269344
CIELab	59.91, -31.91, -9.48
CIELCh	60, 33.287, 196.555
Yxy	28.0198, 0.2297, 0.3288
Android (android.graphics.Color)	4280459424 (0xFF22A0A0)
YUV	122.3260, 18.5733, -77.4619
Hunter-Lab	52.9337, -26.6220, -5.0999

Details

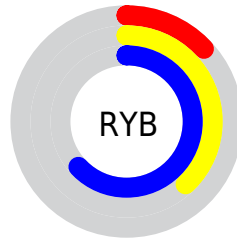
The Android color `4280459424` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288684578`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4284995543`, and `4278217837` is the 20% darker color. If you saturate the color by 10%, you get `4279410848`, and if you desaturate by 10%, it is `4281508000`.

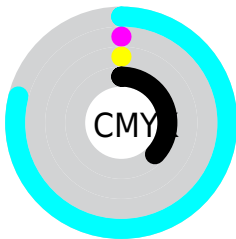
Distribution



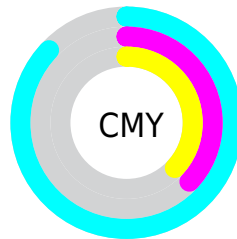
- Red (13%)
- Green (63%)
- Blue (63%)



- Red (13%)
- Yellow (38%)
- Blue (63%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)



- Cyan (87%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280459424 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 4280459424 by changing the saturation by 10% instead.

 4280459424

 4280459424

4294967295

 4278224262

 4284995543

 4278217837

 4286969075

 4278211412

 4288937983

 4278205245

 4290838527

 4278199847

 4292804607

 4278190356


 4294770687

 4278190080

 4280459424

 4280459424

 4279410848

 4281508000

■ 4278362272

■ 4282556576

■ 4278231200

■ 4283605152

■ 4284653728

■ 4285702304

■ 4286750880

■ 4287799456

■ 4288848032

■ 4289896608

Harmonies

Analogous

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



4283277186



4280459424



4279999930

Triad

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



4280459424



4289233849



4289694295

Complementary

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



4280459424



4288684578

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.



4291002471



4280459424



4290870175

Square

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



4280459424



4286615240



4291459713



4287861847

Rectangle

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



4280459424



4282227397



4291459713



4290217819

Sweetspot

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



4280459424



4288664017



4280459298



4283066729



4293454056



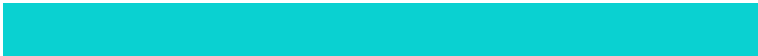
4285098345

Same Dimension

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



4280459424



4278899153



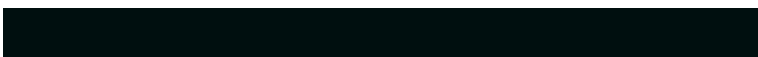
4280443296



4282863439



4278226831



4278193935

Inverse Universe

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



4288684704



4291889873



4288700706



4283385679



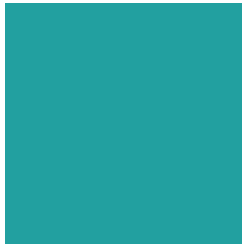
4287561871



4279173135

Previews

White Background



This preview shows how the Android color 4280459424 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



This preview shows how the Android color 4280459424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

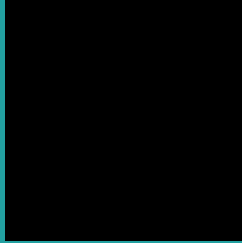
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4280459424 Background



This preview shows how black text looks on a background with the Android color 4280459424.

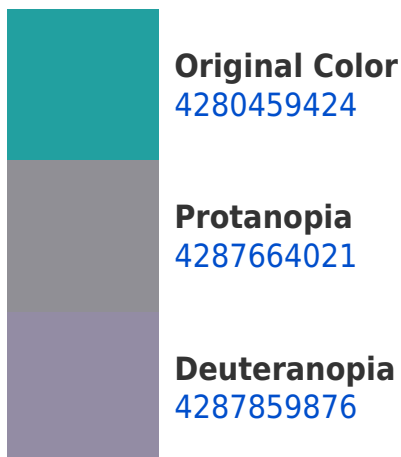


This preview shows how white text looks on a background with the Android color 4280459424.

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

4280459424



Protanomaly

4285044121



Deuteranomaly

4285174691



Tritanomaly

4280852391

Monochromacy



Original Color

4280459424



Achromatopsia

4286216826



Achromatomaly

4284123272

CSS Examples

Text

The CSS property to change the color of the text to Android 4280459424 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(34, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(34, 160, 160)  
}
```

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(34, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 160, 160) }
```

Border

The CSS property to change the border of an element to Android 4280459424 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(34, 160, 160) }
```

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

```
.border{ border-color:rgb(34, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(34, 160,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4280459424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 160, 160) }
```

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

```
.background{ background-color: rgb(34, 160,  
160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor