

Converting Colors

Android(4282960546)

Have a look what the booklet for
Android(4282960546) contains.

| | |
|--|----|
| Android(4282960546) | 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(4282960546)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 48CAA2 |
| RGB | 72, 202, 162 |
| RGB Percent | 28%, 79%, 64% |
| CMY | 0.7176, 0.2078, 0.3647 |
| CMYK | 0.64, 0.00, 0.20, 0.21 |
| HSL | 162°, 55%, 54% |
| HSV | 162°, 64%, 79% |
| XYZ | 30.3146, 46.2274, 41.5075 |
| YIQ | 158.5700, -64.6400, -40.0000 |

Conversions

Conversions Part 2

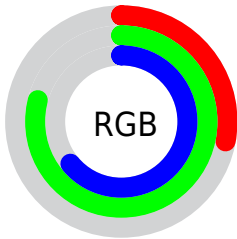
| Format | Color |
|-------------------------------------|--|
| RYB | 72, 149, 202 |
| Decimal | 4770466 |
| CIELab | 73.69, -44.99, 9.63 |
| CIELCh | 74, 46.007, 167.923 |
| Yxy | 46.2274, 0.2568, 0.3916 |
| Android (android.graphics.Color) | 4282960546 (0xFF48CAA2) |
| YUV | 158.5700, 1.6910, -75.9219 |
| Hunter-Lab | 67.9907, -39.3971, 11.3978 |

Details

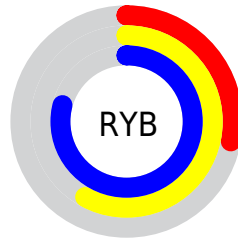
The Android color **4282960546** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291446896**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4287037401**, and **4278227822** is the 20% darker color. If you saturate the color by 10%, you get **4281649820**, and if you desaturate by 10%, it is **4284271272**.

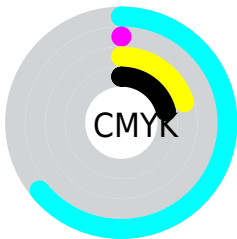
Distribution



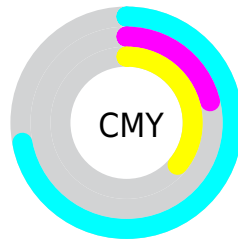
- Red (28%)
- Green (79%)
- Blue (64%)



- Red (28%)
- Yellow (58%)
- Blue (79%)



- Cyan (64%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)



- Cyan (72%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282960546 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 4282960546 by changing the saturation by 10% instead.



4282960546



4282960546

4294967295



4280397448



4287037401



4278227822



4288937973



4278221142



4290904063



4278214463



4292870143



4278208041



4294836223



4278202132



4278195456




4278190080



4282960546



4282960546

 4281649820

 4284271272

 4280339094

 4285581998

 4278962831

 4286958261

 4278241932

 4288268987

 4289579713

 4290890439

 4292201166

 4293577428

 4294888154

Harmonies

Analogous

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



4287022459



4282960546



4278242254

Triad

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



4282960546



4288655871



4294680184

Complementary

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



4282960546



4291446896

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.



4294939805



4282960546



4292452846

Square

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



4282960546



4283154175



4294743496



4292783458

Rectangle

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



4282960546



4278241768



4294743496



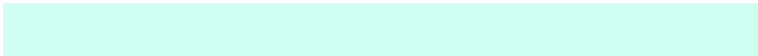
4294941315

Sweetspot

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



4282960546



4291821552



4285647432



4284645494



4278190080



4286611584

Same Dimension

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



4282960546



4282122179



4282954442



4284245603



4278232691



4278199834

Inverse Universe

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



4291446896



4294916983



4291453000



4284898399



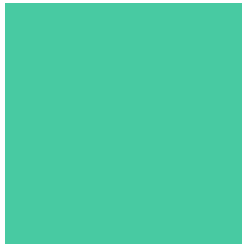
4289069107



4280680460

Previews

White Background



This preview shows how the Android color 4282960546 looks on a white background.

Color Contrast Check

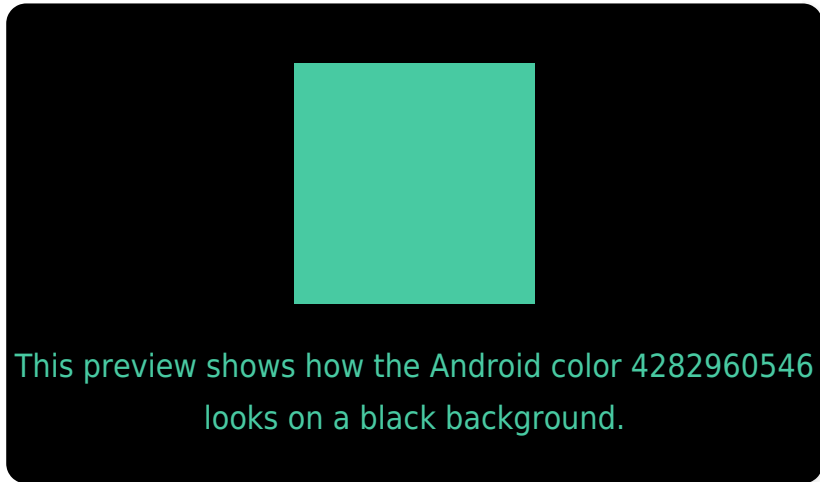
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4282960546 Background



This preview shows how black text looks on a background with the Android color 4282960546.

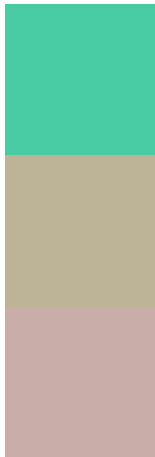


This preview shows how white text looks on a background with the Android color 4282960546.

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
4282960546

Protanopia
4290622359

Deuteranopia
4291407272

Trichromacy



Original Color

4282960546



Protanomaly

4287806363



Deuteranomaly

4288329894



Tritanomaly

4283745985

Monochromacy



Original Color

4282960546



Achromatopsia

4288651167



Achromatomaly

4286558112

CSS Examples

Text

The CSS property to change the color of the text to Android 4282960546 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(72, 202, 162)` looks like.

```
.text, #text, p{  
    color:rgb(72, 202, 162)  
}
```

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(72, 202, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 202, 162) }
```

Border

The CSS property to change the border of an element to Android 4282960546 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(72, 202, 162) }
```

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

```
.border{ border-color:rgb(72, 202, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 202, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 202, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 202, 162);  
box-shadow:4px 4px 4px 4px rgb(72, 202,  
162) }
```

Background

The CSS property to change the background color of an element to Android 4282960546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 202, 162) }
```

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

```
.background{ background-color: rgb(72, 202,  
162) }
```

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