

# Converting Colors

Android(4280925618)

Have a look what the booklet for  
Android(4280925618) contains.

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# **Color**

**Android(4280925618)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29BDB2
RGB	41, 189, 178
RGB Percent	16%, 74%, 70%
CMY	0.8392, 0.2588, 0.3020
CMYK	0.78, 0.00, 0.06, 0.26
HSL	176°, 64%, 45%
HSV	176°, 78%, 74%
XYZ	27.1479, 40.0810, 48.4250
YIQ	143.4940, -84.6770, -34.7970

# Conversions

## Conversions Part 2

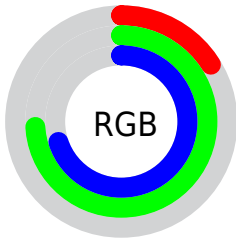
Format	Color
<a href="#">RYB</a>	<a href="#">41, 118, 189</a>
Decimal	<a href="#">2735538</a>
CIELab	<a href="#">69.53, -39.37, -5.20</a>
CIELCh	<a href="#">70, 39.711, 187.528</a>
Yxy	<a href="#">40.0810, 0.2347, 0.3466</a>
Android (android.graphics.Color)	<a href="#">4280925618 (0xFF29BDB2)</a>
YUV	<a href="#">143.4940, 17.0115, -89.8872</a>
Hunter-Lab	<a href="#">63.3095, -34.2486, -1.0339</a>

# Details

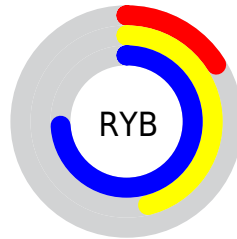
The Android color **4280925618** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **4290586932**, and the grayscale version is **4287598479**.

A 20% lighter version of the original color is **4285658858**, and **4278224765** is the 20% darker color. If you saturate the color by 10%, you get **4279680433**, and if you desaturate by 10%, it is **4282170803**.

# Distribution



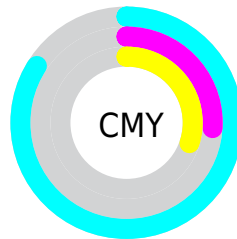
- Red (16%)
- Green (74%)
- Blue (70%)



- Red (16%)
- Yellow (46%)
- Blue (74%)



- Cyan (78%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (84%)
- Magenta (26%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280925618 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 4280925618 by changing the saturation by 10% instead.



 4280925618

 4280925618

4294967295

 4278231703

 4285658858


 4278224765

 4287692799

 4278218085

 4289658879

 4278211661

 4291690495

 4278205494

 4293656575

 4278200097

 4278190091

 4278190080

 4280925618

 4280925618

■ 4279680433

■ 4282170803

■ 4278435247

■ 4283415989

■ 4278238639

■ 4284661174

■ 4285906360

■ 4287086009

■ 4288331194

■ 4289576380

■ 4290821565

■ 4292066751

# Harmonies

## Analogous

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



4284791693



4280925618



4278238165

# Triad

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



4280925618



4290420195



4292386408

# Complementary

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



4280925618



4290586932

# 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.



4293694336



4280925618



4292776646

# Square

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



4280925618



4286884593



4293889442



4290292577

# Rectangle

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



4280925618



4280334566



4293889442



4292909678

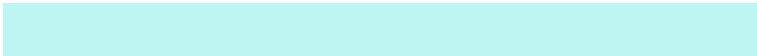


# Sweetspot

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



4280925618



4290573809



4281711913



4283988600



4294638330



4286216826



# Same Dimension

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



4280925618



4279236068



4280909757



4283784798



4278230674



4278198044



# Inverse Universe

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



4290586932



4294250272



4290602793



4284372310



4288544780

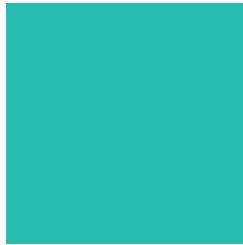


4280221698



# Previews

## White Background



This preview shows how the Android color 4280925618 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 4280925618 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

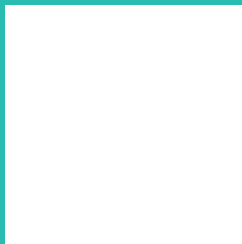
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280925618 Background



This preview shows how black text looks on a background with the Android color 4280925618.

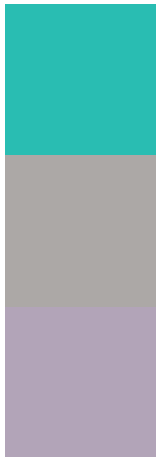


This preview shows how white text looks on a background with the Android color 4280925618.

# 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](#).

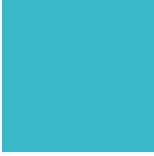
## Dichromacy



**Original Color**  
4280925618

**Protanopia**  
4289505446

**Deuteranopia**  
4289897656



# Trichromacy



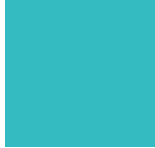
**Original Color**  
4280925618



**Protanomaly**  
4286361770



**Deuteranomaly**  
4286623158



**Tritanomaly**  
4281646017

# Monochromacy



**Original Color**  
4280925618



**Achromatopsia**  
4287598479



**Achromatomaly**  
4285178012

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280925618 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(41, 189, 178)` looks like.

```
.text, #text, p{  
    color:rgb(41, 189, 178)  
}
```

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(41, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 189, 178) }
```

## Border

The CSS property to change the border of an element to Android 4280925618 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(41, 189, 178) }
```

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

```
.border{ border-color:rgb(41, 189, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(41, 189,  
178) }
```

# Background

The CSS property to change the background color of an element to Android 4280925618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 189, 178) }
```

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

```
.background{ background-color: rgb(41, 189,  
178) }
```

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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