

# Converting Colors

Android(4281197470)

Have a look what the booklet for  
Android(4281197470) contains.

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**Color**

**Android(4281197470)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 2DE39E                       |
| RGB         | 45, 227, 158                 |
| RGB Percent | 18%, 89%, 62%                |
| CMY         | 0.8235, 0.1098, 0.3804       |
| CMYK        | 0.80, 0.00, 0.30, 0.11       |
| HSL         | 157°, 76%, 53%               |
| HSV         | 157°, 80%, 89%               |
| XYZ         | 34.7228, 57.9647, 41.7060    |
| YIQ         | 164.7160, -86.3230, -60.0430 |

# Conversions

## Conversions Part 2

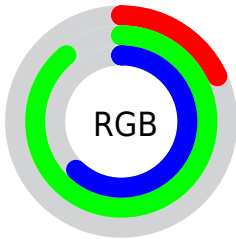
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">45, 157, 227</a>                     |
| Decimal                             | <a href="#">3007390</a>                          |
| CIELab                              | <a href="#">80.72, -59.46, 21.51</a>             |
| CIELCh                              | <a href="#">81, 63.230, 160.112</a>              |
| Yxy                                 | <a href="#">57.9647, 0.2584,<br/>0.4313</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4281197470<br/>(0xFF2DE39E)</a>      |
| YUV                                 | <a href="#">164.7160, -3.3110,<br/>-104.9909</a> |
| Hunter-Lab                          | <a href="#">76.1345, -51.8266,<br/>20.8155</a>   |

# Details

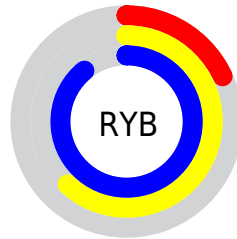
The Android color **4281197470** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **4293078386**, and the grayscale version is **4289045925**.

A 20% lighter version of the original color is **4286185429**, and **4278233706** is the 20% darker color. If you saturate the color by 10%, you get **4279690133**, and if you desaturate by 10%, it is **4282704807**.

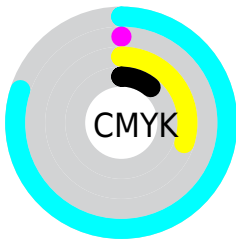
# Distribution



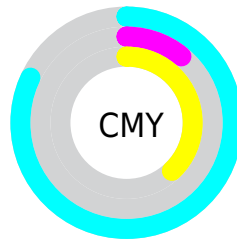
- Red (18%)
- Green (89%)
- Blue (62%)



- Red (18%)
- Yellow (62%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)




- Cyan (82%)
- Magenta (11%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281197470 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 4281197470 by changing the saturation by 10% instead.



 4281197470

 4281197470

4294967295

 4278240900

 4286185429

 4278233706

 4288282609

 4278226770

 4290314239

 4278219834

 4292345855

 4278213156


 4294443007

 4278206734

 4278200832

 4278191360

 4278190080

 4281197470

 4281197470

 4279690133

 4282704807

 4278248333


 4284146607

 4285653944

 4287161280

 4288668617

 4290110418

 4291617754

 4293125091

 4294566891

# Harmonies

## Analogous

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



4288141930



4281197470



4278249179

# Triad

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



4281197470



4286826751



4294943103

# Complementary

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



4281197470



4293078386

# 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.



4294939831



4281197470



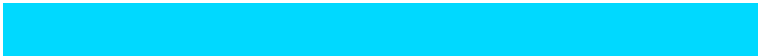
4293308927

# Square

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



4281197470



4278245887



4294941682



4294948695

# Rectangle

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



4281197470



4278248959



4294941682



4294941584

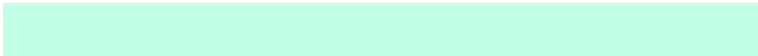


# Sweetspot

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



4281197470



4290969576



4285784877



4284186737



4278190080



4286611584



# Same Dimension

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



4281197470



4278910882



4281192163



4284969838



4278236015



4278203168



# Inverse Universe

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



4293078386



4294904423



4293083693



4285753196



4289921092

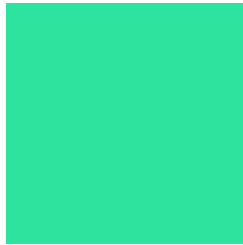


4281532435



# Previews

## White Background



This preview shows how the Android color 4281197470 looks on a white background.

## Color Contrast Check

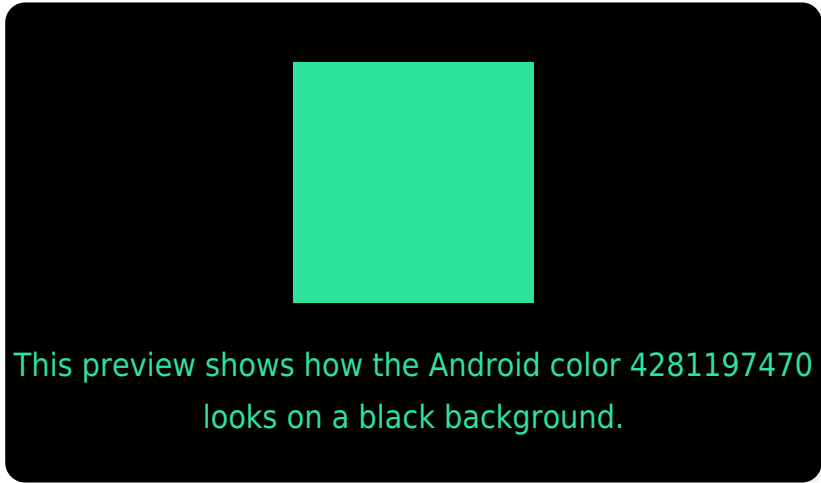
Large Text (above 18pt) WCAG AA × Fail

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

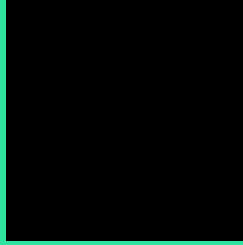
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4281197470 Background



This preview shows how black text looks on a background with the Android color 4281197470.

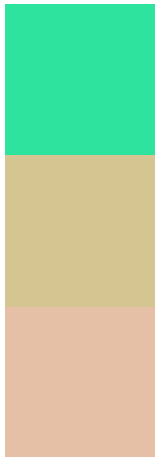


This preview shows how white text looks on a background with the Android color 4281197470.

# 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**  
4281197470

**Protanopia**  
4292200081

**Deuteranopia**  
4293246886



# Trichromacy



**Original Color**

4281197470



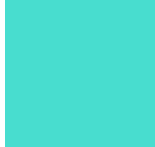
**Protanomaly**

4288205206



**Deuteranomaly**

4288859299



**Tritanomaly**

4282965455

# Monochromacy



**Original Color**

4281197470



**Achromatopsia**

4289045925



**Achromatomaly**

4286168226

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281197470 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(45, 227, 158)` looks like.

```
.text, #text, p{  
    color:rgb(45, 227, 158)  
}
```

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(45, 227, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 227, 158) }
```

## Border

The CSS property to change the border of an element to Android 4281197470 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(45, 227, 158) }
```

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

```
.border{ border-color:rgb(45, 227, 158) }
```

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

Here you see how a box with a 4 pixel rgb(45, 227, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 227, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 227, 158);  
box-shadow:4px 4px 4px 4px rgb(45, 227,  
158) }
```

# Background

The CSS property to change the background color of an element to Android 4281197470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 227, 158) }
```

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

```
.background{ background-color: rgb(45, 227,  
158) }
```

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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