

# Converting Colors

Android(4282633610)

Have a look what the booklet for  
Android(4282633610) contains.

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# **Color**

**Android(4282633610)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43CD8A
RGB	67, 205, 138
RGB Percent	26%, 80%, 54%
CMY	0.7373, 0.1961, 0.4588
CMYK	0.67, 0.00, 0.33, 0.20
HSL	151°, 58%, 53%
HSV	151°, 67%, 80%
XYZ	28.7335, 46.6909, 31.5426
YIQ	156.1000, -60.7410, -50.0930

# Conversions

## Conversions Part 2

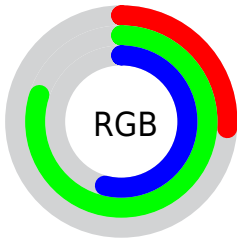
Format	Color
<a href="#">RYB</a>	<a href="#">67, 158, 205</a>
Decimal	<a href="#">4443530</a>
CIELab	<a href="#">73.99, -52.32, 22.82</a>
CIELCh	<a href="#">74, 57.083, 156.433</a>
Yxy	<a href="#">46.6909, 0.2686, 0.4365</a>
Android (android.graphics.Color)	<a href="#">4282633610 (0xFF43CD8A)</a>
YUV	<a href="#">156.1000, -8.9233, -78.1407</a>
Hunter-Lab	<a href="#">68.3307, -44.5184, 20.4623</a>

# Details

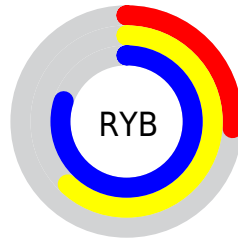
The Android color **4282633610** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291642246**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4286775232**, and **4278228568** is the 20% darker color. If you saturate the color by 10%, you get **4281257344**, and if you desaturate by 10%, it is **4283944340**.

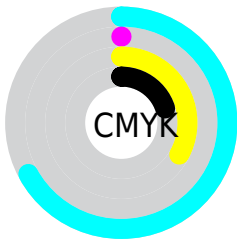
# Distribution



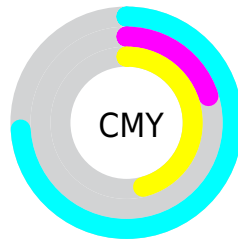
- Red (26%)
- Green (80%)
- Blue (54%)



- Red (26%)
- Yellow (62%)
- Blue (80%)



- Cyan (67%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (74%)
- Magenta (20%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282633610 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 4282633610 by changing the saturation by 10% instead.





4282633610



4282633610

4294967295



4279808368



4286775232



4278228568



4288741340



4278221632



4290707448



4278214953



4292673535



4278208531



4294639615



4278202624



4278195712




4278190080



4282633610



4282633610

 4281257344

 4283944340

 4279946614

 4285320606

 4278570348

 4286696872

 4278242665

 4288007602

 4289318332

 4290694598

 4292005328

 4293381594

 4294757860

# Harmonies

## Analogous

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



4287808862



4282633610



4278243520

# Triad

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



4282633610



4285249791



4294939002

# Complementary

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



4282633610



4291642246

# 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.



4294936749



4282633610



4291339519

# Square

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



4282633610



4278241023



4294938849



4294288469

# Rectangle

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



4282633610



4278243555



4294938849



4294937994

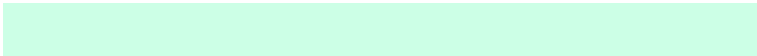


# Sweetspot

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



4282633610



4291624934



4287155523



4284579953



4278190080



4286611584



# Same Dimension

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



4282633610



4281401243



4282633677



4284245601



4278232661



4278199828



# Inverse Universe

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



4291642246



4294914197



4291642179



4284898401



4289069136



4280680467



# Previews

## White Background



This preview shows how the Android color 4282633610 looks on a white background.

## Color Contrast Check

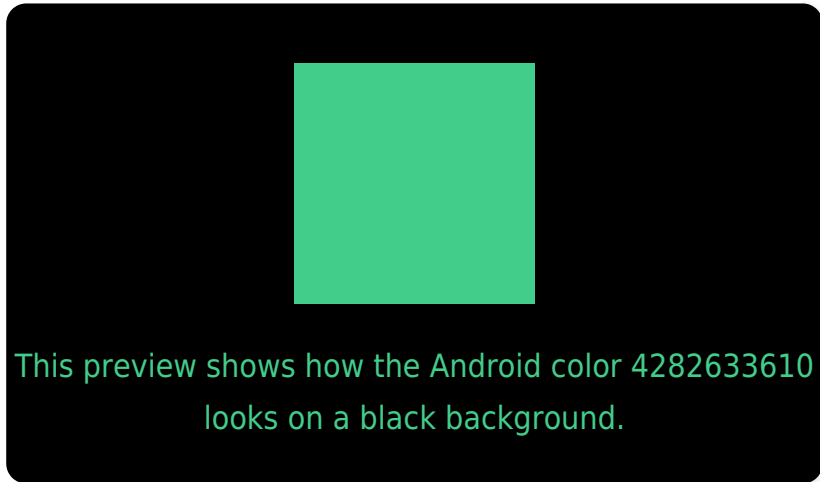
Large Text (above 18pt) WCAG AA × Fail

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 4282633610 Background



This preview shows how black text looks on a background with the Android color 4282633610.

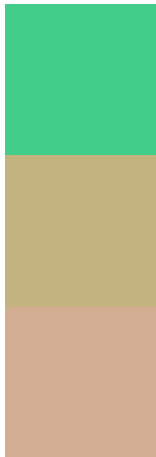


This preview shows how white text looks on a background with the Android color 4282633610.

# 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**  
4282633610

**Protanopia**  
4291015807

**Deuteranopia**  
4291997073



# Trichromacy



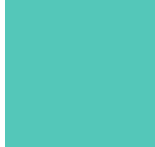
**Original Color**  
4282633610



**Protanomaly**  
4287937923



**Deuteranomaly**  
4288592270



**Tritanomaly**  
4283746233

# Monochromacy



**Original Color**  
4282633610



**Achromatopsia**  
4288453788



**Achromatomaly**  
4286361237

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282633610 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(67, 205, 138)` looks like.

```
.text, #text, p{  
    color:rgb(67, 205, 138)  
}
```

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(67, 205, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 205, 138) }
```

## Border

The CSS property to change the border of an element to Android 4282633610 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(67, 205, 138) }
```

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

```
.border{ border-color:rgb(67, 205, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 205, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 205, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 205, 138);  
box-shadow:4px 4px 4px 4px rgb(67, 205,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4282633610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 205, 138) }
```

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

```
.background{ background-color: rgb(67, 205,  
138) }
```

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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