

Converting Colors

Android(4283680640)

Have a look what the booklet for
Android(4283680640) contains.

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Color

Android(4283680640)

Conversions

Conversions Part 1

Format	Color
Hex	53C780
RGB	83, 199, 128
RGB Percent	33%, 78%, 50%
CMY	0.6745, 0.2196, 0.4980
CMYK	0.58, 0.00, 0.36, 0.22
HSL	143°, 51%, 55%
HSV	143°, 58%, 78%
XYZ	27.8870, 44.2444, 27.4923
YIQ	156.2220, -46.3450, -46.6730

Conversions

Conversions Part 2

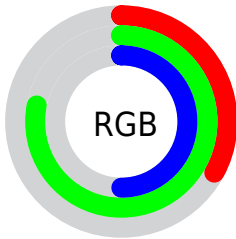
Format	Color
RYB	83, 167, 199
Decimal	5490560
CIELab	72.39, -48.75, 25.99
CIElCh	72, 55.248, 151.939
Yxy	44.2444, 0.2799, 0.4441
Android (android.graphics.Color)	4283680640 (0xFF53C780)
YUV	156.2220, -13.9134, -64.2157
Hunter-Lab	66.5164, -41.5677, 22.0560

Details

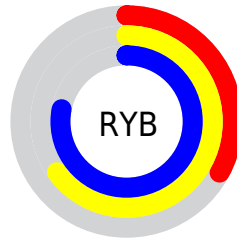
The Android color **4283680640** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291253146**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4287561653**, and **4278227022** is the 20% darker color. If you saturate the color by 10%, you get **4282369908**, and if you desaturate by 10%, it is **4284991372**.

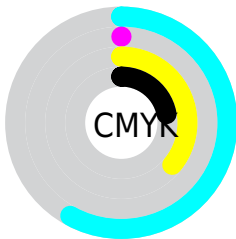
Distribution



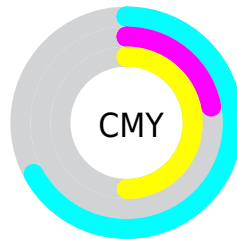
- Red (33%)
- Green (78%)
- Blue (50%)



- Red (33%)
- Yellow (65%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283680640 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 4283680640 by changing the saturation by 10% instead.



4283680640



4283680640

4294967295



4281576295



4287561653



4278227022



4289462225



4278220342



4291362797



4278213664



4293263359



4278207241



4278201600



4278193920



4278190080




4283680640



4283680640

 4282369908

 4284991372

 4281059176

 4286302104

 4279748443

 4287612837

 4278437711

 4288923569

 4278241101

 4290234301

 4291479497

 4292790229

 4294100961

 4294952942

Harmonies

Analogous

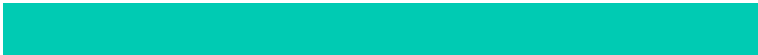
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288200280



4283680640



4278242227

Triad

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



4283680640



4283938559



4294937727

Complementary

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



4283680640



4291253146

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.



4294936240



4283680640



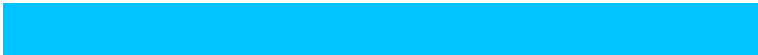
4290356223

Square

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



4283680640



4278240255



4294086882



4294221400

Rectangle

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



4283680640



4278242262



4294086882



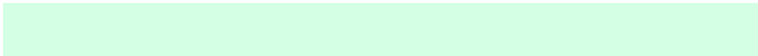
4294936719

Sweetspot

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



4283680640



4292149220



4288399187



4284907632



4278190080



4286611584

Same Dimension

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



4283680640



4283301778



4283680697



4284113757



4278231871



4278199310

Inverse Universe

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



4291253146



4294921658



4291253089



4284701280



4288872548



4280549398

Previews

White Background



This preview shows how the Android color 4283680640 looks on a white background.

Color Contrast Check

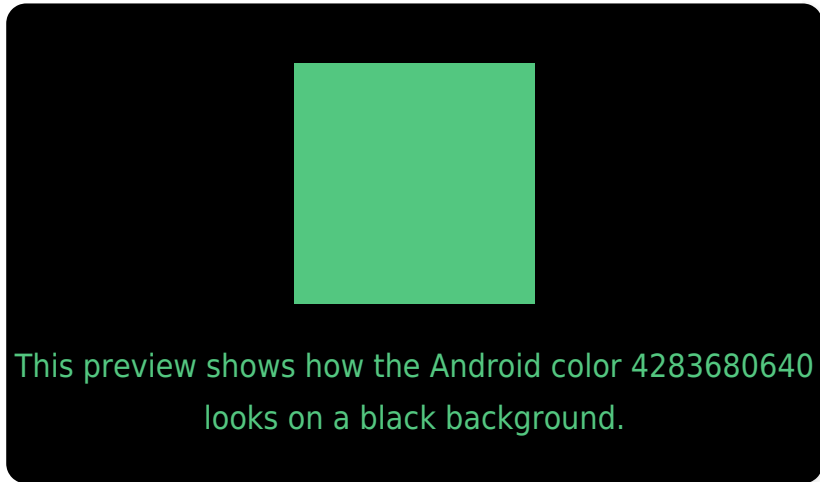
Large Text (above 18pt) WCAG AA × Fail

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 4283680640 Background



This preview shows how black text looks on a background with the Android color 4283680640.



This preview shows how white text looks on a background with the Android color 4283680640.

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

4283680640



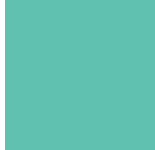
Protanomaly

4288198778



Deuteranomaly

4288853124



Tritanomaly

4284596657

Monochromacy



Original Color

4283680640



Achromatopsia

4288453788



Achromatomaly

4286688402

CSS Examples

Text

The CSS property to change the color of the text to Android 4283680640 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(83, 199, 128)` looks like.

```
.text, #text, p{  
    color:rgb(83, 199, 128)  
}
```

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(83, 199, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 199, 128) }
```

Border

The CSS property to change the border of an element to Android 4283680640 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(83, 199, 128) }
```

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

```
.border{ border-color:rgb(83, 199, 128) }
```

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

Here you see how a box with a 4 pixel rgb(83, 199, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 199, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 199, 128);  
box-shadow:4px 4px 4px 4px rgb(83, 199,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4283680640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 199, 128) }
```

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

```
.background{ background-color: rgb(83, 199,  
128) }
```

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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