

Converting Colors

Android(4281711757)

Have a look what the booklet for
Android(4281711757) contains.

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Color

Android(4281711757)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 35BC8D |
| RGB | 53, 188, 141 |
| RGB Percent | 21%, 74%, 55% |
| CMY | 0.7922, 0.2627, 0.4471 |
| CMYK | 0.72, 0.00, 0.25, 0.26 |
| HSL | 159°, 56%, 47% |
| HSV | 159°, 72%, 74% |
| XYZ | 24.2591, 38.6464, 31.3802 |
| YIQ | 142.2770, -65.3730, -43.2370 |

Conversions

Conversions Part 2

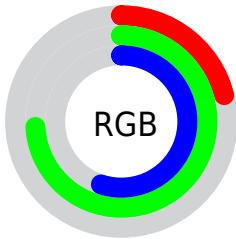
| Format | Color |
|-------------------------------------|---|
| RYB | 53, 135, 188 |
| Decimal | 3521677 |
| CIELab | 68.49, -47.04, 13.57 |
| CIElCh | 68, 48.956, 163.905 |
| Yxy | 38.6464, 0.2573, 0.4099 |
| Android (android.graphics.Color) | 4281711757 (0xFF35BC8D) |
| YUV | 142.2770, -0.6296, -78.2959 |
| Hunter-Lab | 62.1662, -39.1348, 13.5880 |

Details

The Android color **4281711757** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **4290524516**, and the grayscale version is **4287532686**.

A 20% lighter version of the original color is **4285986243**, and **4278224475** is the 20% darker color. If you saturate the color by 10%, you get **4280466566**, and if you desaturate by 10%, it is **4282956948**.

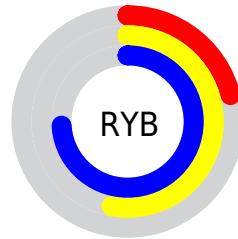
Distribution



Red (21%)

Green (74%)

Blue (55%)



Red (21%)

Yellow (53%)

Blue (74%)

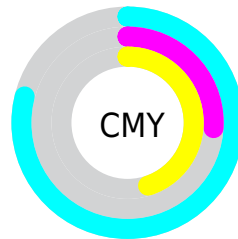


Cyan (72%)

Magenta (0%)

Yellow (25%)

Black (26%)



Cyan (79%)


Magenta (26%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281711757 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 4281711757 by changing the saturation by 10% instead.

 4281711757

 4281711757

4294967295

 4278231155

 4285986243

 4278224475

 4287889375

 4278217795

 4289855483

 4278211117


 4291821567

 4278204952

 4293787647

 4278199296

 4278190080

 4281711757

 4281711757

 4280466566

 4282956948

■ 4279221376

■ 4284202138

■ 4278238331

■ 4285381793

■ 4286626983

■ 4287872174

■ 4289117364

■ 4290362555

■ 4291542209

■ 4292787400

Harmonies

Analogous

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



4286363237



4281711757



4278238907

Triad

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



4281711757



4286817789



4294020204

Complementary

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



4281711757



4290524516

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.



4294673044



4281711757



4291138535

Square

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



4281711757



4278235900



4293756353



4292254801

Rectangle

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



4281711757



4278238423



4293756353



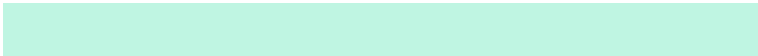
4294412408

Sweetspot

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



4281711757



4290770402



4284791861



4284185199



4294638330



4286216826

Same Dimension

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



4281711757



4280481196



4281706684



4283784795



4278230631



4278198036

Inverse Universe

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



4290524516



4294255212



4290529589



4284372312



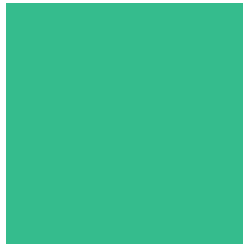
4288544823



4280221707

Previews

White Background



This preview shows how the Android color 4281711757 looks on a white background.

Color Contrast Check

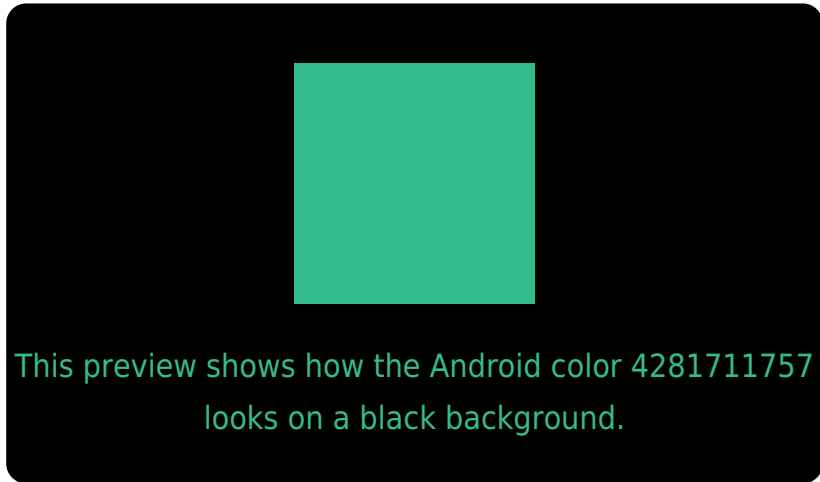
Large Text (above 18pt) WCAG AA × Fail

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

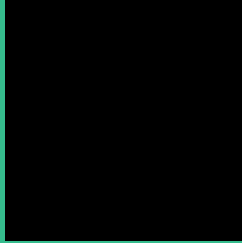
Any Text WCAG AA ✓ Pass

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 4281711757 Background



This preview shows how black text looks on a background with the Android color 4281711757.



This preview shows how white text looks on a background with the Android color 4281711757.

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

4281711757



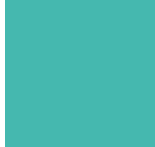
Protanomaly

4286819718



Deuteranomaly

4287343249



Tritanomaly

4282759343

Monochromacy



Original Color

4281711757



Achromatopsia

4287532686



Achromatomaly

4285439886

CSS Examples

Text

The CSS property to change the color of the text to Android 4281711757 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(53, 188, 141)` looks like.

```
.text, #text, p{  
    color:rgb(53, 188, 141)  
}
```

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(53, 188, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 188, 141) }
```

Border

The CSS property to change the border of an element to Android 4281711757 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(53, 188, 141) }
```

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

```
.border{ border-color:rgb(53, 188, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 188, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 188, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 188, 141);  
box-shadow:4px 4px 4px 4px rgb(53, 188,  
141) }
```

Background

The CSS property to change the background color of an element to Android 4281711757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 188, 141) }
```

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

```
.background{ background-color: rgb(53, 188,  
141) }
```

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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