

Converting Colors

Android(4283687357)

Have a look what the booklet for
Android(4283687357) contains.

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Color

Android(4283687357)

Conversions

Conversions Part 1

Format	Color
Hex	53E1BD
RGB	83, 225, 189
RGB Percent	33%, 88%, 74%
CMY	0.6745, 0.1176, 0.2588
CMYK	0.63, 0.00, 0.16, 0.12
HSL	165°, 70%, 60%
HSV	165°, 63%, 88%
XYZ	39.6778, 59.3636, 57.5112
YIQ	178.4380, -73.0760, -41.3000

Conversions

Conversions Part 2

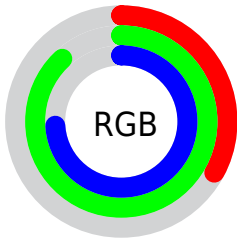
Format	Color
RYB	83, 164, 225
Decimal	5497277
CIELab	81.49, -46.53, 6.42
CIELCh	81, 46.975, 172.146
Yxy	59.3636, 0.2534, 0.3792
Android (android.graphics.Color)	4283687357 (0xFF53E1BD)
YUV	178.4380, 5.2071, -83.6991
Hunter-Lab	77.0477, -42.9102, 9.6772

Details

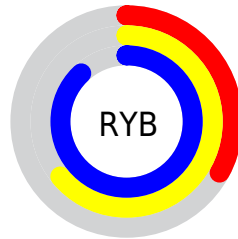
The Android color `4283687357` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4292957047`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4287823861`, and `4278233480` is the 20% darker color. If you saturate the color by 10%, you get `4282180023`, and if you desaturate by 10%, it is `4285194691`.

Distribution



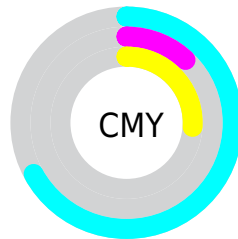
- Red (33%)
- Green (88%)
- Blue (74%)



- Red (33%)
- Yellow (64%)
- Blue (88%)



- Cyan (63%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (67%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283687357 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 4283687357 by changing the saturation by 10% instead.



4283687357



4283687357

4294967295



4281189794



4287823861



4278233480



4289789951



4278226542



4291821567



4278219606



4293787647



4278213183



4278206761



4278201108



4278192640



4278190080

 4283687357

 4283687357

 4282180023

 4285194691

 4280738226

 4286636488

 4279296428

 4288143822

 4278247848

 4289585620

 4291027418

 4292534751

 4293976549

 4294959595

 4294959600

Harmonies

Analogous

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



4287880339



4283687357



4278247914

Triad

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



4283687357



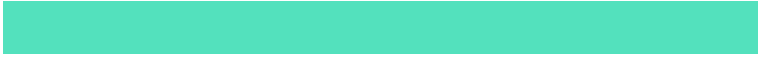
4290692095



4294947975

Complementary

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



4283687357



4292957047

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.



4294945196



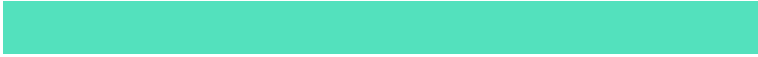
4283687357



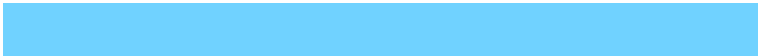
4294423551

Square

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



4283687357



4285584127



4294945240



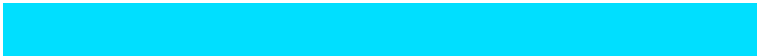
4294034547

Rectangle

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



4283687357



4278247423



4294945240



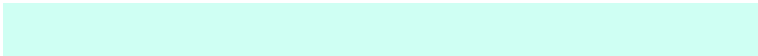
4294946961

Sweetspot

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



4283687357



4291821555



4286177619



4284645496



4278190080



4286611584

Same Dimension

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



4283687357



4282253262



4283678945



4284837997



4278235267



4278202404

Inverse Universe

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



4292957047



4294917486



4292965459



4285556072



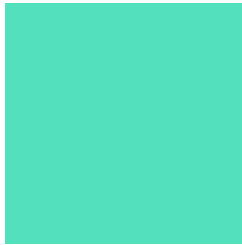
4289724461



4281335820

Previews

White Background



This preview shows how the Android color 4283687357 looks on a white background.

Color Contrast Check

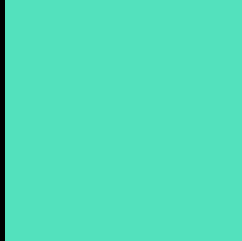
Large Text (above 18pt) WCAG AA × Fail

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 4283687357 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

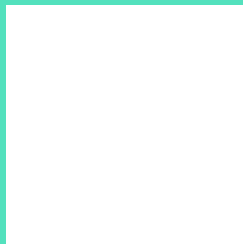
Any Text WCAG AAA ✓ Pass

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

Android 4283687357 Background



This preview shows how black text looks on a background with the Android color 4283687357.



This preview shows how white text looks on a background with the Android color 4283687357.

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



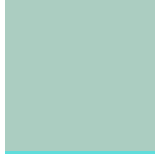
Original Color

4283687357



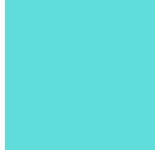
Protanomaly

4288991669



Deuteranomaly

4289449409



Tritanomaly

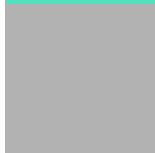
4284472795

Monochromacy



Original Color

4283687357



Achromatopsia

4289901234



Achromatomaly

4287611830

CSS Examples

Text

The CSS property to change the color of the text to Android 4283687357 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, 225, 189)` looks like.

```
.text, #text, p{  
    color:rgb(83, 225, 189)  
}
```

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, 225, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 225, 189) }
```

Border

The CSS property to change the border of an element to Android 4283687357 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, 225, 189) }
```

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

```
.border{ border-color:rgb(83, 225, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 225, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 225, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 225, 189);  
box-shadow:4px 4px 4px 4px rgb(83, 225,  
189) }
```

Background

The CSS property to change the background color of an element to Android 4283687357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 225, 189) }
```

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

```
.background{ background-color: rgb(83, 225,  
189) }
```

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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