

Converting Colors

Android(4283688609)

Have a look what the booklet for
Android(4283688609) contains.

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Color

Android(4283688609)

Conversions

Conversions Part 1

Format	Color
Hex	53E6A1
RGB	83, 230, 161
RGB Percent	33%, 90%, 63%
CMY	0.6745, 0.0980, 0.3686
CMYK	0.64, 0.00, 0.30, 0.10
HSL	152°, 75%, 61%
HSV	152°, 64%, 90%
XYZ	38.2971, 61.0058, 43.4751
YIQ	178.1810, -65.4630, -52.6230

Conversions

Conversions Part 2

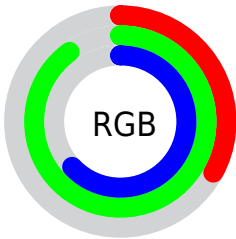
Format	Color
RYB	83, 179, 230
Decimal	5498529
CIELab	82.38, -54.76, 22.35
CIELCh	82, 59.146, 157.797
Yxy	61.0058, 0.2682, 0.4273
Android (android.graphics.Color)	4283688609 (0xFF53E6A1)
YUV	178.1810, -8.4702, -83.4737
Hunter-Lab	78.1062, -49.1636, 21.6727

Details

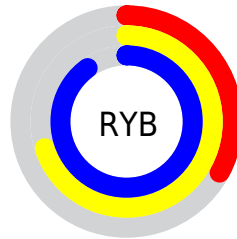
The Android color `4283688609` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4293284760`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4287823832`, and `4278234477` is the 20% darker color. If you saturate the color by 10%, you get `4282181270`, and if you desaturate by 10%, it is `4285195948`.

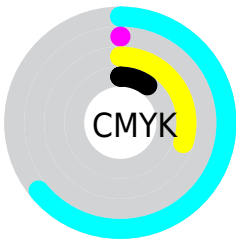
Distribution



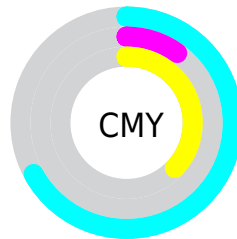
- Red (33%)
- Green (90%)
- Blue (63%)



- Red (33%)
- Yellow (70%)
- Blue (90%)



- Cyan (64%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (67%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283688609 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 4283688609 by changing the saturation by 10% instead.



4283688609



4283688609

4294967295



4281190791



4287823832



4278234477



4289789941



4278227540



4291821567



4278220605



4293787647



4278213926



4278207504



4278201856



4278193920



4278190080

 4283688609

 4283688609

 4282181270

 4285195948

 4280673931

 4286703287

 4279166593

 4288210625

 4278249082

 4289717964

 4291225303

 4292732642

 4294239981

 4294960887

 4294960895

Harmonies

Analogous

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



4288994674



4283688609



4278249946

Triad

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



4283688609



4287090431



4294944652

Complementary

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



4283688609



4293284760

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.



4294942401



4283688609



4293179903

Square

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



4283688609



4278247167



4294944248



4294949733

Rectangle

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



4283688609



4278249727



4294944248



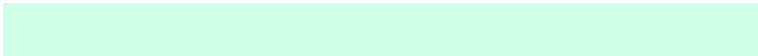
4294943644

Sweetspot

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



4283688609



4291821544



4288341587



4284645490



4278190080



4286611584

Same Dimension

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



4283688609



4282122147



4283688166



4284969837



4278235999



4278203163

Inverse Universe

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



4293284760



4294917015



4293285203



4285753197



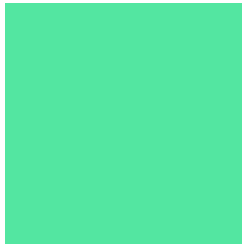
4289921108



4281532440

Previews

White Background



This preview shows how the Android color 4283688609 looks on a white background.

Color Contrast Check

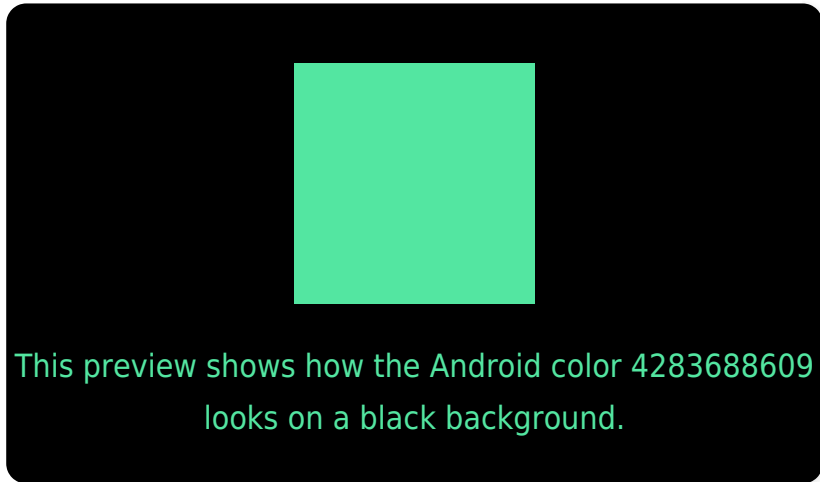
Large Text (above 18pt) WCAG AA × Fail

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 4283688609 Background



This preview shows how black text looks on a background with the Android color 4283688609.

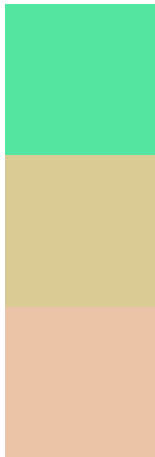


This preview shows how white text looks on a background with the Android color 4283688609.

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
4283688609

Protanopia
4292529045

Deuteranopia
4293641129

Trichromacy



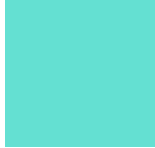
Original Color
4283688609



Protanomaly
4289320345



Deuteranomaly
4290039974



Tritanomaly
4284801234

Monochromacy



Original Color
4283688609



Achromatopsia
4289901234



Achromatomaly
4287612332

CSS Examples

Text

The CSS property to change the color of the text to Android 4283688609 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, 230, 161)` looks like.

```
.text, #text, p{  
    color:rgb(83, 230, 161)  
}
```

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, 230, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 230, 161) }
```

Border

The CSS property to change the border of an element to Android 4283688609 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, 230, 161) }
```

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

```
.border{ border-color:rgb(83, 230, 161) }
```

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

Here you see how a box with a 4 pixel rgb(83, 230, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 230, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 230, 161);  
box-shadow:4px 4px 4px 4px rgb(83, 230,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4283688609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 230, 161) }
```

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

```
.background{ background-color: rgb(83, 230,  
161) }
```

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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