

Converting Colors

Android(4281709961)

Have a look what the booklet for
Android(4281709961) contains.

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Color

Android(4281709961)

Conversions

Conversions Part 1

Format	Color
Hex	35B589
RGB	53, 181, 137
RGB Percent	21%, 71%, 54%
CMY	0.7922, 0.2902, 0.4627
CMYK	0.71, 0.00, 0.24, 0.29
HSL	159°, 55%, 46%
HSV	159°, 71%, 71%
XYZ	22.5074, 35.6108, 29.3542
YIQ	137.7120, -62.1640, -40.8200

Conversions

Conversions Part 2

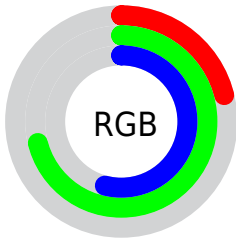
Format	Color
RYB	53, 130, 181
Decimal	3519881
CIELab	66.22, -45.07, 12.56
CIELCh	66, 46.783, 164.427
Yxy	35.6108, 0.2573, 0.4071
Android (android.graphics.Color)	4281709961 (0xFF35B589)
YUV	137.7120, -0.3510, -74.2924
Hunter-Lab	59.6748, -37.1063, 12.6074

Details

The Android color `4281709961` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4290065761`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4285853374`, and `4278222679` is the 20% darker color. If you saturate the color by 10%, you get `4280530307`, and if you desaturate by 10%, it is `4282889615`.

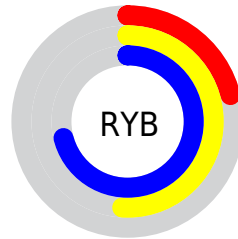
Distribution



Red (21%)

Green (71%)

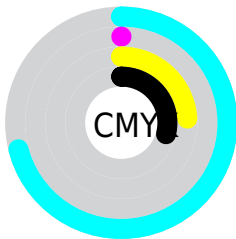
Blue (54%)



Red (21%)

Yellow (51%)

Blue (71%)

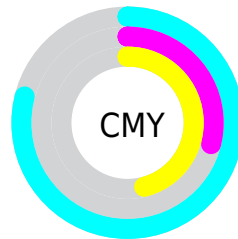


Cyan (71%)

Magenta (0%)

Yellow (24%)

Black (29%)



Cyan (79%)

Magenta (29%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281709961 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 4281709961 by changing the saturation by 10% instead.



4281709961



4281709961

4294967295



4278229616



4285853374



4278222679



4287823834



4278216000



4289724407



4278209578



4291690495



4278203413



4293656575



4278197760



4278190080



4281709961



4281709961



4280530307



4282889615

■ 4279350653

■ 4284069269

■ 4278236535

■ 4285248924

■ 4286428578

■ 4287673768

■ 4288853422

■ 4290033077

■ 4291212731

■ 4292392385

Harmonies

Analogous

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



4286099299



4281709961



4278237109

Triad

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



4281709961



4286619378



4293363816

Complementary

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



4281709961



4290065761

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.



4294016654



4281709961



4290678493

Square

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



4281709961



4278234353



4293165497



4291663695

Rectangle

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



4281709961



4278236623



4293165497



4293756020

Sweetspot

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



4281709961



4290374618



4284658997



4283987307



4294309365



4285887861

Same Dimension

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



4281709961



4280544166



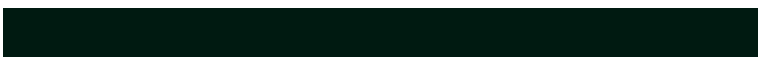
4281705141



4283455830



4278229348



4278196753

Inverse Universe

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



4290065761



4293600104



4290070581



4284043347



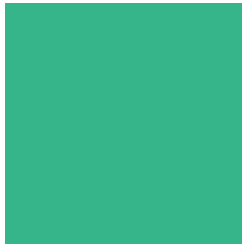
4288217141



4279894025

Previews

White Background



This preview shows how the Android color 4281709961 looks on a white background.

Color Contrast Check

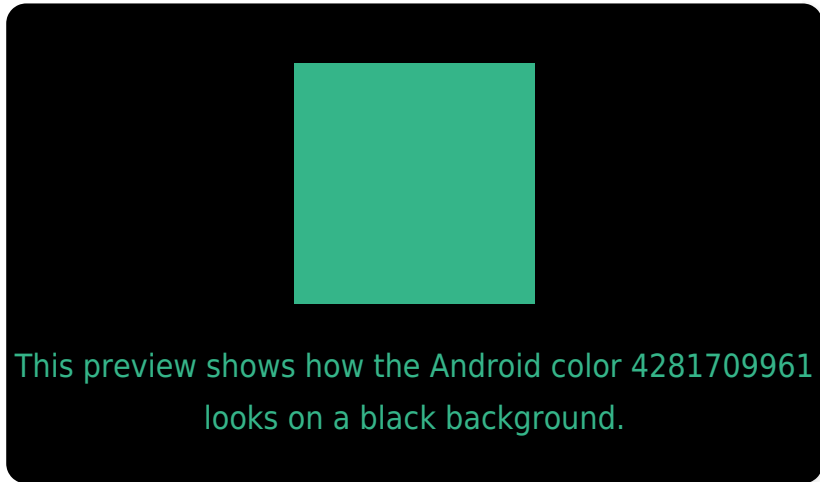
Large Text (above 18pt) WCAG AA × Fail

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 4281709961 Background



This preview shows how black text looks on a background with the Android color 4281709961.

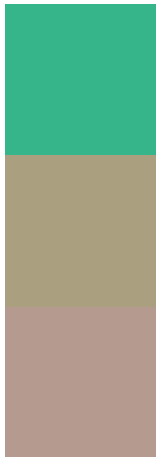


This preview shows how white text looks on a background with the Android color 4281709961.

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
4281709961

Protanopia
4289372031

Deuteranopia
4290091663

Trichromacy



Original Color

4281709961



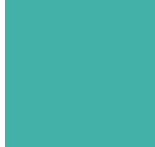
Protanomaly

4286556035



Deuteranomaly

4287014029



Tritanomaly

4282692009

Monochromacy



Original Color

4281709961



Achromatopsia

4287269514



Achromatomaly

4285241994

CSS Examples

Text

The CSS property to change the color of the text to Android 4281709961 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, 181, 137)` looks like.

```
.text, #text, p{  
    color:rgb(53, 181, 137)  
}
```

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, 181, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 181, 137) }
```

Border

The CSS property to change the border of an element to Android 4281709961 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, 181, 137) }
```

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

```
.border{ border-color:rgb(53, 181, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 181, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(53, 181, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(53, 181, 137); box-shadow:4px 4px 4px 4px rgb(53, 181, 137) }
```

Background

The CSS property to change the background color of an element to Android 4281709961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 181, 137) }
```

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

```
.background{ background-color: rgb(53, 181,  
137) }
```

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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