

Converting Colors

Android(4281572509)

Have a look what the booklet for
Android(4281572509) contains.

Android(4281572509)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281572509)

Conversions

Conversions Part 1

Format	Color
Hex	339C9D
RGB	51, 156, 157
RGB Percent	20%, 61%, 62%
CMY	0.8000, 0.3882, 0.3843
CMYK	0.68, 0.01, 0.00, 0.38
HSL	181°, 51%, 41%
HSV	181°, 68%, 62%
XYZ	19.3395, 26.9151, 36.0741
YIQ	124.7190, -62.9010, -21.9490

Conversions

Conversions Part 2

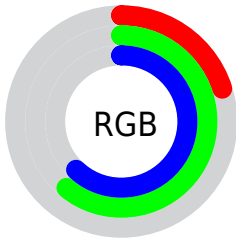
Format	Color
R_{YB}	51, 104, 157
Decimal	3382429
CIE _{Lab}	58.90, -28.74, -9.26
CIE _{LCh}	59, 30.196, 197.860
Yxy	26.9151, 0.2349, 0.3269
Android (android.graphics.Color)	4281572509 (0xFF339C9D)
YUV	124.7190, 15.9145, -64.6516
Hunter-Lab	51.8797, -24.2490, -4.9110

Details

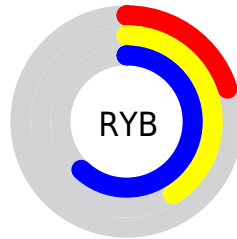
The Android color `4281572509` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288492595`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4285584339`, and `4278216810` is the 20% darker color. If you saturate the color by 10%, you get `4280523933`, and if you desaturate by 10%, it is `4282621085`.

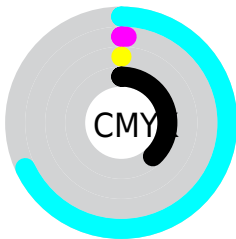
Distribution



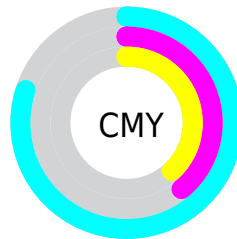
- Red (20%)
- Green (61%)
- Blue (62%)



- Red (20%)
- Yellow (41%)
- Blue (62%)



- Cyan (68%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)




- Cyan (80%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281572509 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 4281572509 by changing the saturation by 10% instead.

 4281572509

 4281572509

4294967295

 4278223491

 4285584339

 4278216810

 4287492080

 4278210642

 4289396735

 4278204475


 4291297279

 4278199077

 4293263359

 4278190353

 4278190080

 4281572509

 4281572509

 4280523933

 4282621085

■ 4279540893

■ 4283604125

■ 4278492317

■ 4284652701

■ 4278230173

■ 4285701533

■ 4286750109

■ 4287733149

■ 4288781725

■ 4289830301

■ 4290813341

Harmonies

Analogous

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



4283538306



4281572509



4281571764

Triad

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



4281572509



4289036721



4289300570

Complementary

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



4281572509



4288492595

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.



4290478184



4281572509



4290476954

Square

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



4281572509



4286745536



4290935423



4287664475

Rectangle

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



4281572509



4283012798



4290935423



4289758557

Sweetspot

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



4281572509



4288924876



4281572659



4283328102



4293322470



4284900966

Same Dimension

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



4281572509



4280797900



4281559197



4282863439



4278226319



4278193935

Inverse Universe

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



4288492444



4291569610



4288505907



4283385679



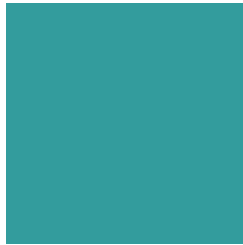
4287561869



4279173135

Previews

White Background



This preview shows how the Android color 4281572509 looks on a white background.

Color Contrast Check

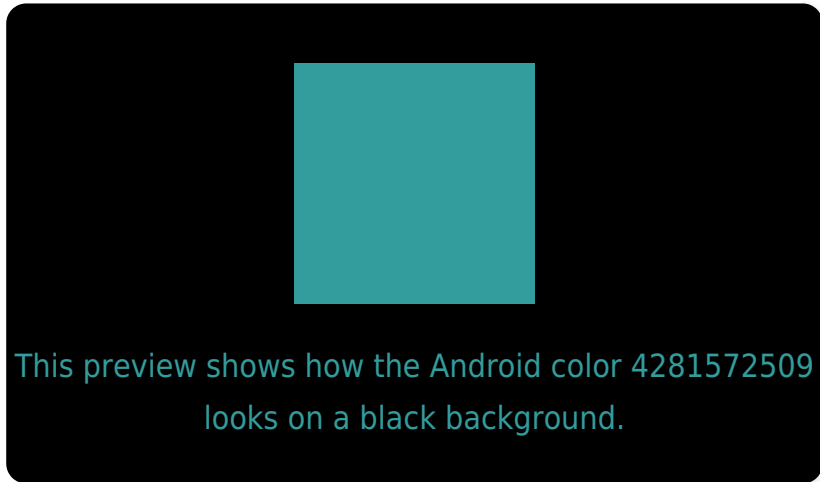
Large Text (above 18pt) WCAG AA ✓ Pass

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

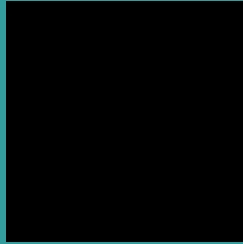
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4281572509 Background



This preview shows how black text looks on a background with the Android color 4281572509.

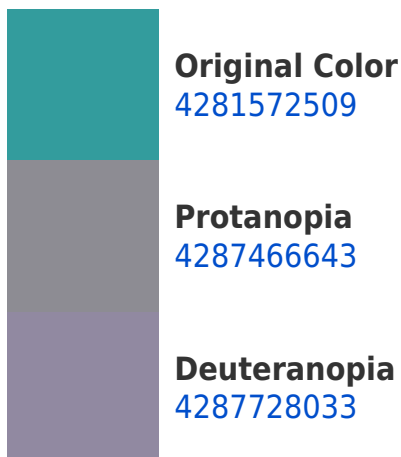


This preview shows how white text looks on a background with the Android color 4281572509.

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



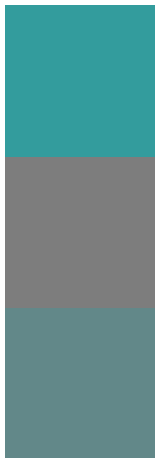
Original Color
4281572509

Protanomaly
4285305495

Deuteranomaly
4285501600

Tritanomaly
4281768867

Monochromacy



Original Color
4281572509

Achromatopsia
4286414205

Achromatomaly
4284647561

CSS Examples

Text

The CSS property to change the color of the text to Android 4281572509 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(51, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(51, 156, 157)  
}
```

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(51, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 156, 157) }
```

Border

The CSS property to change the border of an element to Android 4281572509 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(51, 156, 157) }
```

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

```
.border{ border-color:rgb(51, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(51, 156,  
157) }
```

Background

The CSS property to change the background color of an element to Android 4281572509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 156, 157) }
```

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

```
.background{ background-color: rgb(51, 156,  
157) }
```

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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