

Converting Colors

Android(4281309604)

Have a look what the booklet for
Android(4281309604) contains.

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Color

Android(4281309604)

Conversions

Conversions Part 1

Format	Color
Hex	2F99A4
RGB	47, 153, 164
RGB Percent	18%, 60%, 64%
CMY	0.8157, 0.4000, 0.3569
CMYK	0.71, 0.07, 0.00, 0.36
HSL	186°, 55%, 41%
HSV	186°, 71%, 64%
XYZ	19.2644, 26.0671, 39.1381
YIQ	122.5600, -66.7070, -19.0510

Conversions

Conversions Part 2

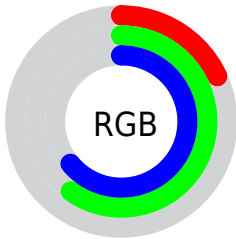
Format	Color
R_{YB}	47, 103, 164
Decimal	3119524
CIE _{Lab}	58.10, -25.70, -14.44
CIE _{LCh}	58, 29.477, 209.340
Yxy	26.0671, 0.2281, 0.3086
Android (android.graphics.Color)	4281309604 (0xFF2F99A4)
YUV	122.5600, 20.4299, -66.2661
Hunter-Lab	51.0560, -21.9966, -9.7109

Details

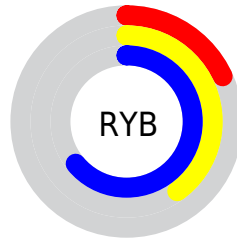
The Android color `4281309604` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288952879`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4285452507`, and `4278216304` is the 20% darker color. If you saturate the color by 10%, you get `4280260516`, and if you desaturate by 10%, it is `4282358692`.

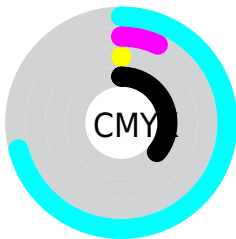
Distribution



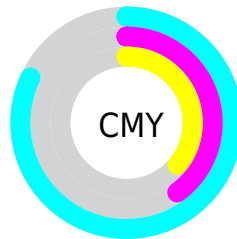
- Red (18%)
- Green (60%)
- Blue (64%)



- Red (18%)
- Yellow (40%)
- Blue (64%)



- Cyan (71%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)




- Cyan (82%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281309604 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 4281309604 by changing the saturation by 10% instead.

 4281309604

 4281309604

4294967295

 4278222730

 4285452507

 4278216304

 4287360247

 4278209880

 4289265663

 4278203969


 4291231743

 4278198826

 4293132287

 4278190358

 4278190080

 4281309604

 4281309604

 4280260516

 4282358692

■ 4279146148

■ 4283473060

■ 4278228388

■ 4284522148

■ 4285636516

■ 4286685604

■ 4287734436

■ 4288849060

■ 4289897892

■ 4291012516

Harmonies

Analogous

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



4282751626



4281309604



4282357175

Triad

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



4281309604



4289494438



4288580184

Complementary

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



4281309604



4288952879

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.



4289954144



4281309604



4290541709

Square

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



4281309604



4287530425



4290673268



4286812766

Rectangle

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



4281309604



4284060094



4290673268



4289038169

Sweetspot

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



4281309604



4289319638



4281312313



4283459947



4293651435



4285229931

Same Dimension

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



4281309604



4280206806



4281295012



4282995026



4278224017



4278194194

Inverse Universe

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



4288950169



4292222661



4288967471



4283582801



4287692932



4279369744

Previews

White Background



This preview shows how the Android color 4281309604 looks on a white background.

Color Contrast Check

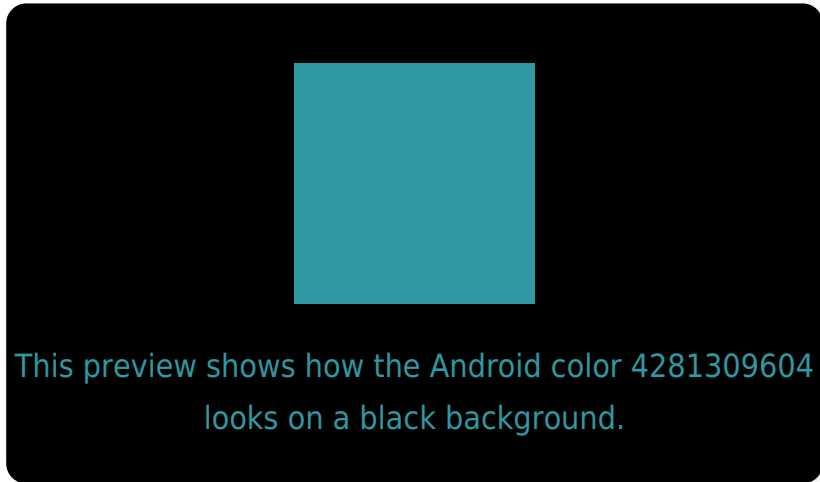
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281309604 Background



This preview shows how black text looks on a background with the Android color 4281309604.

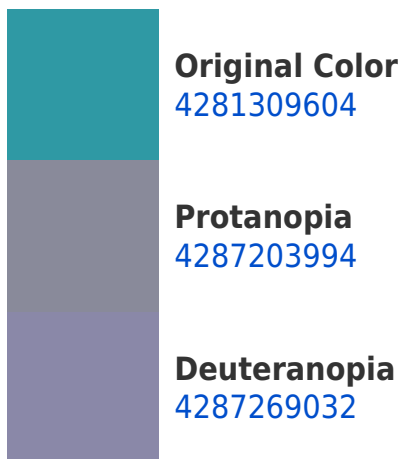


This preview shows how white text looks on a background with the Android color 4281309604.

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



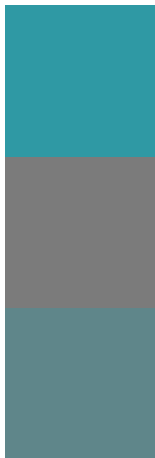
Original Color
4281309604

Protanomaly
4285042590

Deuteranomaly
4285107879

Tritanomaly
4281375141

Monochromacy



Original Color
4281309604

Achromatopsia
4286282619

Achromatomaly
4284450442

CSS Examples

Text

The CSS property to change the color of the text to Android 4281309604 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(47, 153, 164)` looks like.

```
.text, #text, p{  
    color:rgb(47, 153, 164)  
}
```

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(47, 153, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 153, 164) }
```

Border

The CSS property to change the border of an element to Android 4281309604 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(47, 153, 164) }
```

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

```
.border{ border-color:rgb(47, 153, 164) }
```

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

Here you see how a box with a 4 pixel rgb(47, 153, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 153, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 153, 164);  
box-shadow:4px 4px 4px 4px rgb(47, 153,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4281309604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 153, 164) }
```

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

```
.background{ background-color: rgb(47, 153,  
164) }
```

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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