

Converting Colors

Android(4281111950)

Have a look what the booklet for
Android(4281111950) contains.

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Color

Android(4281111950)

Conversions

Conversions Part 1

Format	Color
Hex	2C958E
RGB	44, 149, 142
RGB Percent	17%, 58%, 56%
CMY	0.8275, 0.4157, 0.4431
CMYK	0.70, 0.00, 0.05, 0.42
HSL	176°, 54%, 38%
HSV	176°, 70%, 58%
XYZ	16.6686, 23.9834, 29.3419
YIQ	116.8070, -60.3330, -24.4370

Conversions

Conversions Part 2

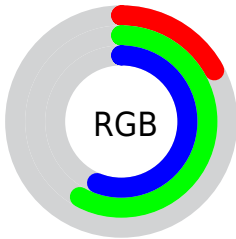
Format	Color
R_{YB}	44, 98, 149
Decimal	2921870
CIE _{Lab}	56.07, -30.78, -4.92
CIE _{LCh}	56, 31.172, 189.086
Yxy	23.9834, 0.2381, 0.3426
Android (android.graphics.Color)	4281111950 (0xFF2C958E)
YUV	116.8070, 12.4201, -63.8517
Hunter-Lab	48.9728, -24.9472, -1.2425

Details

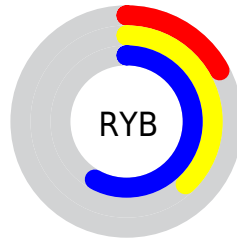
The Android color `4281111950` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287966259`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4285189316`, and `4278215260` is the 20% darker color. If you saturate the color by 10%, you get `4280128909`, and if you desaturate by 10%, it is `4282094991`.

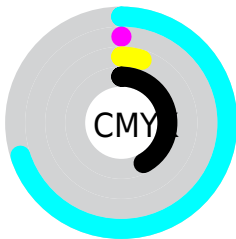
Distribution



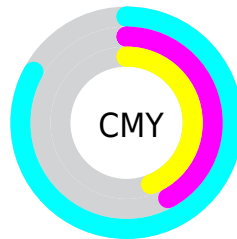
- Red (17%)
- Green (58%)
- Blue (56%)



- Red (17%)
- Yellow (38%)
- Blue (58%)



- Cyan (70%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)





- Cyan (83%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281111950 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 4281111950 by changing the saturation by 10% instead.

 4281111950

 4281111950

4294967295

 4278221684

 4285189316

 4278215260

 4287031520

 4278208836

 4288937980

 4278202926


 4290838527

 4278197786

 4292739071

 4278190080

 4294705151

 4281111950

 4281111950

 4280128909

 4282094991

■ 4279145868

■ 4283078032

■ 4278228363

■ 4284061073

■ 4285044114

■ 4286027155

■ 4286944660

■ 4287927701

■ 4288910742

■ 4289893783

Harmonies

Analogous

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



4283536242



4281111950



4279669672

Triad

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



4281111950



4287921329



4289232468

Complementary

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



4281111950



4287966259

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.



4290279014



4281111950



4289688730

Square

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



4281111950



4285367996



4290474367



4287661904

Rectangle

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



4281111950



4281307316



4290474367



4289690457

Sweetspot

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



4281111950



4288266943



4281570604



4282999135



4292927712



4284572001

Same Dimension

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



4281111950



4280140471



4281100437



4282600009



4278225537



4278192650

Inverse Universe

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



4287966259



4290911528



4287978028



4283056963



4287234057



4278845441

Previews

White Background



This preview shows how the Android color 4281111950 looks on a white background.

Color Contrast Check

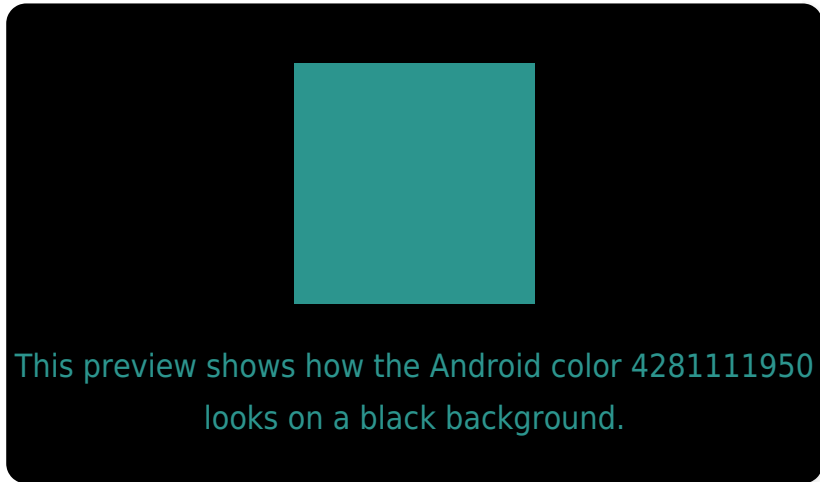
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281111950 Background



This preview shows how black text looks on a background with the Android color 4281111950.



This preview shows how white text looks on a background with the Android color 4281111950.

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

4281111950



Protanomaly

4284976008



Deuteranomaly

4285172113



Tritanomaly

4281504920

Monochromacy



Original Color

4281111950



Achromatopsia

4285887861



Achromatomaly

4284121470

CSS Examples

Text

The CSS property to change the color of the text to Android 4281111950 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(44, 149, 142)` looks like.

```
.text, #text, p{  
    color:rgb(44, 149, 142)  
}
```

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(44, 149, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 149, 142) }
```

Border

The CSS property to change the border of an element to Android 4281111950 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(44, 149, 142) }
```

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

```
.border{ border-color:rgb(44, 149, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 149, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 149, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 149, 142);  
box-shadow:4px 4px 4px 4px rgb(44, 149,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4281111950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 149, 142) }
```

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

```
.background{ background-color: rgb(44, 149,  
142) }
```

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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