

Converting Colors

Android(4281900161)

Have a look what the booklet for
Android(4281900161) contains.

Android(4281900161)	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(4281900161)

Conversions

Conversions Part 1

Format	Color
Hex	389C81
RGB	56, 156, 129
RGB Percent	22%, 61%, 51%
CMY	0.7804, 0.3882, 0.4941
CMYK	0.64, 0.00, 0.17, 0.39
HSL	164°, 47%, 42%
HSV	164°, 64%, 61%
XYZ	17.4818, 26.2027, 24.9051
YIQ	123.0220, -50.9330, -29.5970

Conversions

Conversions Part 2

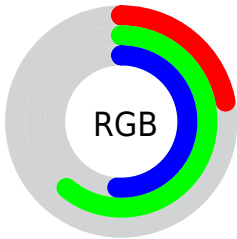
Format	Color
RYB	56, 114, 156
Decimal	3710081
CIELab	58.23, -35.60, 5.67
CIELCh	58, 36.051, 170.955
Yxy	26.2027, 0.2549, 0.3820
Android (android.graphics.Color)	4281900161 (0xFF389C81)
YUV	123.0220, 2.9472, -58.7783
Hunter-Lab	51.1885, -28.6190, 6.9852

Details

The Android color `4281900161` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288428115`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4285715382`, and `4278216784` is the 20% darker color. If you saturate the color by 10%, you get `4280851581`, and if you desaturate by 10%, it is `4282948741`.

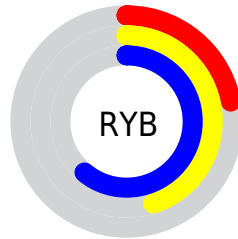
Distribution



Red (22%)

Green (61%)

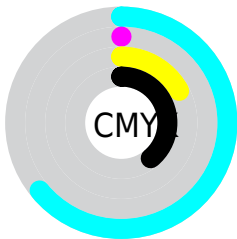
Blue (51%)



Red (22%)

Yellow (45%)

Blue (61%)

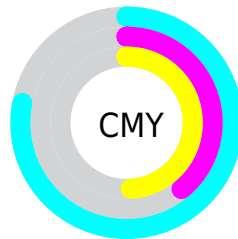


Cyan (64%)

Magenta (0%)

Yellow (17%)

Black (39%)



Cyan (78%)

Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281900161 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 4281900161 by changing the saturation by 10% instead.



4281900161



4281900161

4294967295



4279468648



4285715382



4278216784



4287557841



4278210361



4289462254



4278204195



4291297279



4278199310



4293263359



4278190080



4281900161



4281900161



4280851581



4282948741



4279868537



4283931785

■ 4278819956

■ 4284980366

■ 4278230130

■ 4285963410

■ 4287011990

■ 4288060570

■ 4289043614

■ 4290092195

■ 4291075239

Harmonies

Analogous

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



4284848227



4281900161



4278230177

Triad

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



4281900161



4286678983



4290739292

Complementary

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



4281900161



4288428115

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.



4291392631



4281900161



4289363124

Square

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



4281900161



4282946250



4290999447



4289300301

Rectangle

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



4281900161



4278229940



4290999447



4291066212

Sweetspot

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



4281900161



4289055938



4283735096



4283393632



4293322470



4284900966

Same Dimension

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



4281900161



4281322658



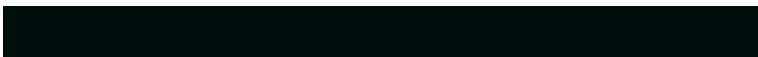
4281894556



4282863437



4278226792



4278193931

Inverse Universe

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



4288428115



4291571545



4288433720



4283385673



4287561767



4279173124

Previews

White Background



This preview shows how the Android color 4281900161 looks on a white background.

Color Contrast Check

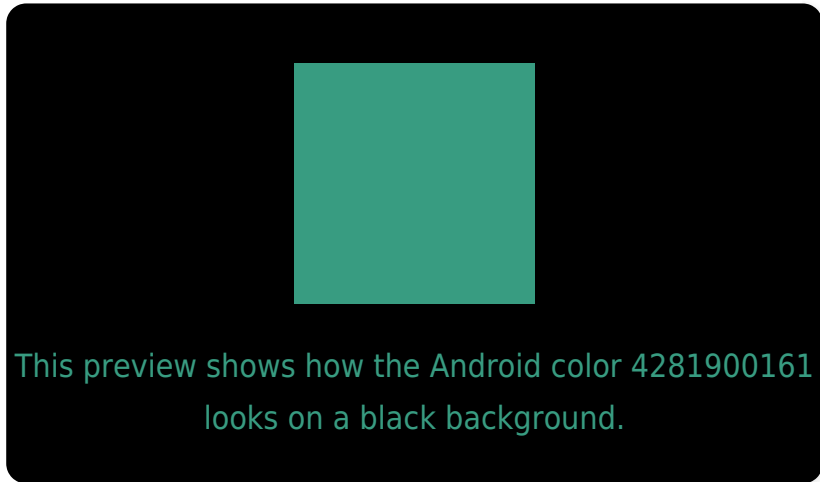
Large Text (above 18pt) WCAG AA ✓ Pass

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

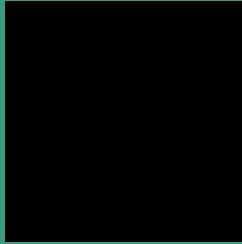
Any Text WCAG AA ✓ Pass

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 4281900161 Background



This preview shows how black text looks on a background with the Android color 4281900161.

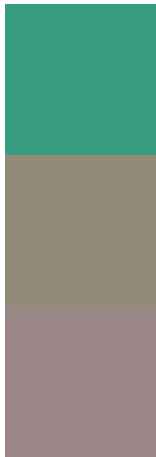


This preview shows how white text looks on a background with the Android color 4281900161.

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
4281900161

Protanopia
4287794040

Deuteranopia
4288317062

Trichromacy



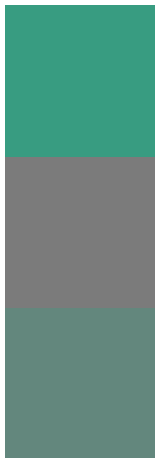
Original Color
4281900161

Protanomaly
4285632891

Deuteranomaly
4285959812

Tritanomaly
4282489239

Monochromacy



Original Color
4281900161

Achromatopsia
4286282619

Achromatomaly
4284712829

CSS Examples

Text

The CSS property to change the color of the text to Android 4281900161 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(56, 156, 129)` looks like.

```
.text, #text, p{  
    color:rgb(56, 156, 129)  
}
```

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(56, 156, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 156, 129) }
```

Border

The CSS property to change the border of an element to Android 4281900161 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(56, 156, 129) }
```

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

```
.border{ border-color:rgb(56, 156, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 156, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 156, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 156, 129);  
box-shadow:4px 4px 4px 4px rgb(56, 156,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4281900161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 156, 129) }
```

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

```
.background{ background-color: rgb(56, 156,  
129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor