

Converting Colors

Android(4279465861)

Have a look what the booklet for
Android(4279465861) contains.

Android(4279465861)	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(4279465861)

Conversions

Conversions Part 1

Format	Color
Hex	137785
RGB	19, 119, 133
RGB Percent	7%, 47%, 52%
CMY	0.9255, 0.5333, 0.4784
CMYK	0.86, 0.11, 0.00, 0.48
HSL	187°, 75%, 30%
HSV	187°, 86%, 52%
XYZ	11.0990, 15.0256, 24.5055
YIQ	90.6960, -64.0940, -16.8460

Conversions

Conversions Part 2

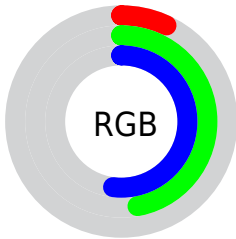
Format	Color
RYB	19, 72, 133
Decimal	1275781
CIELab	45.67, -21.42, -15.33
CIELCh	46, 26.344, 215.584
Yxy	15.0256, 0.2192, 0.2968
Android (android.graphics.Color)	4279465861 (0xFF137785)
YUV	90.6960, 20.8559, -62.8774
Hunter-Lab	38.7628, -16.7247, -10.3487

Details

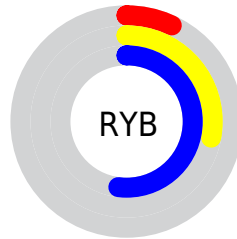
The Android color `4279465861` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286914835`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4283935930`, and `4278208083` is the 20% darker color. If you saturate the color by 10%, you get `4278613381`, and if you desaturate by 10%, it is `4280318341`.

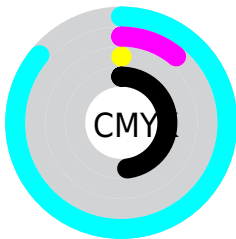
Distribution



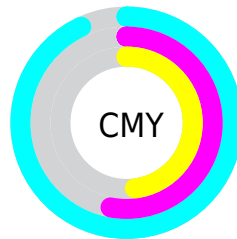
- Red (7%)
- Green (47%)
- Blue (52%)



- Red (7%)
- Yellow (28%)
- Blue (52%)



- Cyan (86%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (93%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279465861 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 4279465861 by changing the saturation by 10% instead.

 4279465861

 4279465861

4294967295

 4278214252

 4283935930

 4278208083

 4285843414

 4278202172

 4287685618

 4278197286

 4289593343

 4278190353

 4291493887

 4278190080

 4293394431

 4279465861

 4279465861

 4278613381

 4280318341

■ 4278220165

■ 4281236101

■ 4282088581

■ 4282941061

■ 4283858821

■ 4284711301

■ 4285563525

■ 4286416005

■ 4287334021

Harmonies

Analogous

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



4280776816



4279465861



4281234324

Triad

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



4279465861



4287323775



4286016576

Complementary

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



4279465861



4286914835

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.



4287259972



4279465861



4288043881

Square

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



4279465861



4285818256



4287979092



4284445256

Rectangle

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



4279465861



4282871704



4287979092



4286474816

Sweetspot

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



4279465861



4286621869



4279469344



4282143575



4292269782



4283914071

Same Dimension

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



4279465861



4278229165



4279451525



4282138946



4278219394



4278190595

Inverse Universe

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



4286911351



4289527960



4286929171



4282530881



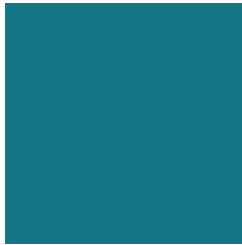
4286709874



4278386690

Previews

White Background



This preview shows how the Android color 4279465861 looks on a white background.

Color Contrast Check

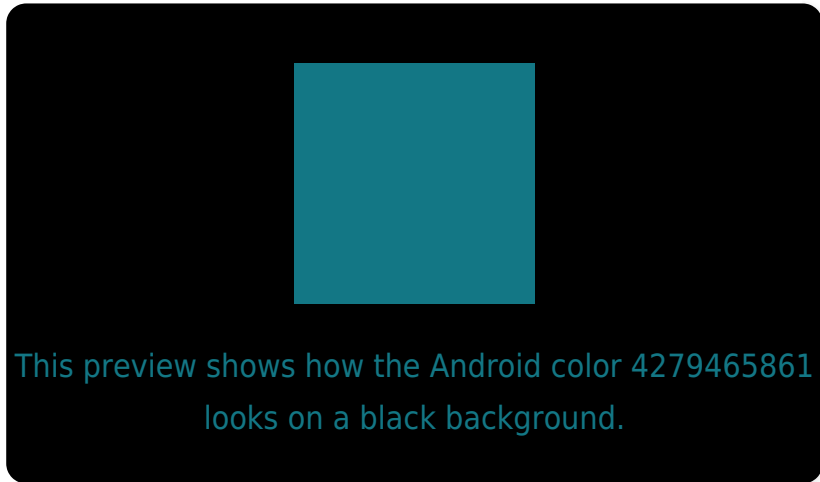
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

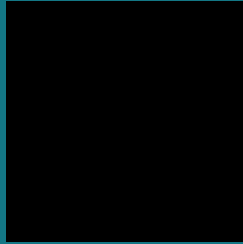
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4279465861 Background



This preview shows how black text looks on a background with the Android color 4279465861.

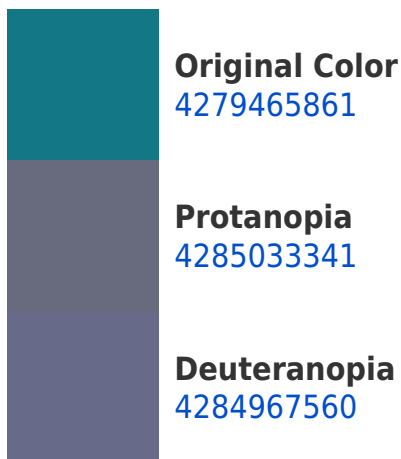


This preview shows how white text looks on a background with the Android color 4279465861.

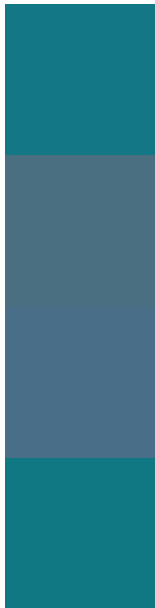
Color Blindness Simulation

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



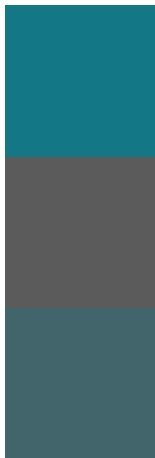
Original Color
4279465861

Protanomaly
4283002752

Deuteranomaly
4282937223

Tritanomaly
4279203970

Monochromacy



Original Color
4279465861

Achromatopsia
4284177243

Achromatomaly
4282475882

CSS Examples

Text

The CSS property to change the color of the text to Android 4279465861 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(19, 119, 133)` looks like.

```
.text, #text, p{  
    color:rgb(19, 119, 133)  
}
```

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(19, 119, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 119, 133) }
```

Border

The CSS property to change the border of an element to Android 4279465861 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(19, 119, 133) }
```

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

```
.border{ border-color:rgb(19, 119, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 119, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 119, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 119, 133);  
box-shadow:4px 4px 4px 4px rgb(19, 119,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4279465861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 119, 133) }
```

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

```
.background{ background-color: rgb(19, 119,  
133) }
```

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