

Converting Colors

Android(4279588961)

Have a look what the booklet for
Android(4279588961) contains.

Android(4279588961)	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(4279588961)

Conversions

Conversions Part 1

Format	Color
Hex	155861
RGB	21, 88, 97
RGB Percent	8%, 35%, 38%
CMY	0.9176, 0.6549, 0.6196
CMYK	0.78, 0.09, 0.00, 0.62
HSL	187°, 64%, 23%
HSV	187°, 78%, 38%
XYZ	5.9567, 8.0019, 12.5398
YIQ	68.9930, -42.8210, -11.4050

Conversions

Conversions Part 2

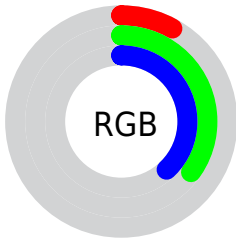
Format	Color
R_{YB}	21, 57, 97
Decimal	1398881
CIE _{Lab}	33.99, -16.86, -11.12
CIE _{LCh}	34, 20.194, 213.418
Yxy	8.0019, 0.2248, 0.3020
Android (android.graphics.Color)	4279588961 (0xFF155861)
YUV	68.9930, 13.8075, -42.0899
Hunter-Lab	28.2877, -11.9161, -6.4817

Details

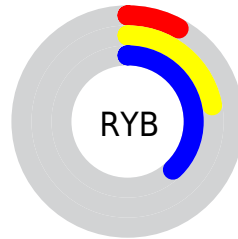
The Android color `4279588961` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284554773`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4283337364`, and `4278200883` is the 20% darker color. If you saturate the color by 10%, you get `4278933345`, and if you desaturate by 10%, it is `4280244577`.

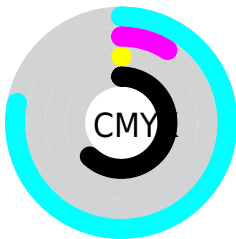
Distribution



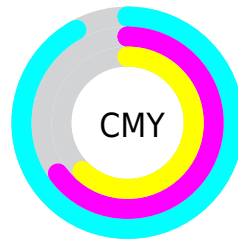
- Red (8%)
- Green (35%)
- Blue (38%)



- Red (8%)
- Yellow (22%)
- Blue (38%)



- Cyan (78%)
- Magenta (9%)
- Yellow (0%)
- Black (62%)



- Cyan (92%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279588961 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 4279588961 by changing the saturation by 10% instead.



4279588961



4279588961

4294967295



4278206537



4283337364



4278200883



4285113774



4278195998



4286890186



4278190082



4288666854



4278190080



4290509055



4292345855



4294246399



4279588961



4279588961

■ 4278933345

■ 4280244577

■ 4278343265

■ 4280834657

■ 4278212193

■ 4281490273

■ 4282146145

■ 4282736225

■ 4283391841

■ 4284047457

■ 4284703073

■ 4285293153

Harmonies

Analogous

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



4280375633



4279588961



4280505708

Triad

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



4279588961



4284892767



4284043312

Complementary

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



4279588961



4284554773

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.



4284959284



4279588961



4285482063

Square

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



4279588961



4283714411



4285416767



4282930229

Rectangle

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



4279588961



4281619311



4285416767



4284370480

Sweetspot

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



4279588961



4284447101



4279591198



4281155136



4290756543



4282400832

Same Dimension

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



4279588961



4278677373



4279579233



4281086000



4278215536



4278244336

Inverse Universe

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



4284552536



4286383983



4284564501



4281347120



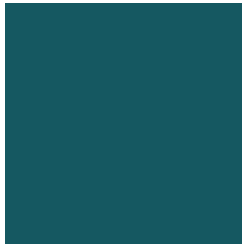
4285530211



4293918931

Previews

White Background



This preview shows how the Android color 4279588961 looks on a white background.

Color Contrast Check

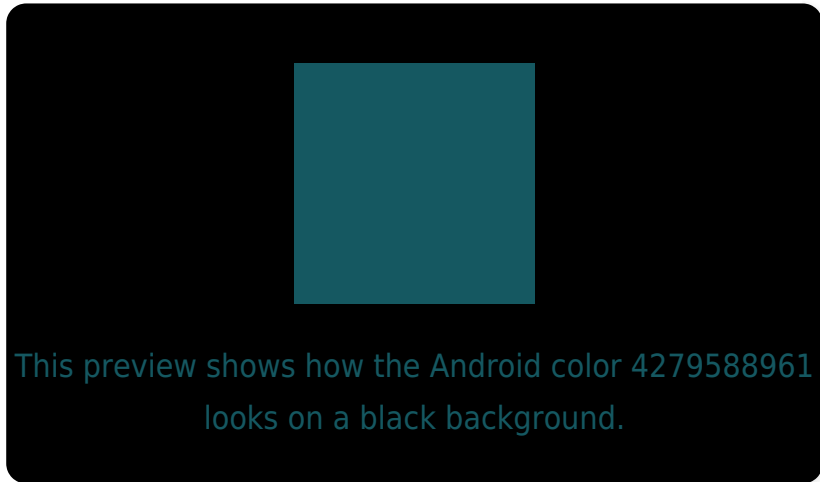
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

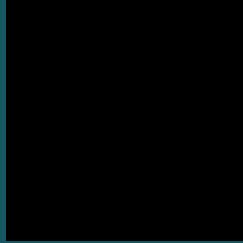
Any Text WCAG AA × Fail

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 4279588961 Background



This preview shows how black text looks on a background with the Android color 4279588961.



This preview shows how white text looks on a background with the Android color 4279588961.

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

4279588961

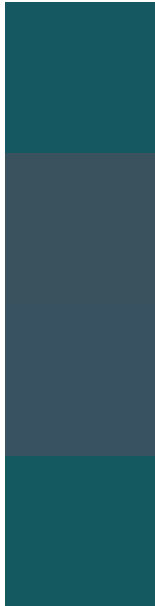
Protanopia

4283322203

Deuteranopia

4283321955

Trichromacy



Original Color
4279588961

Protanomaly
4281946717

Deuteranomaly
4281946722

Tritanomaly
4279523424

Monochromacy



Original Color
4279588961

Achromatopsia
4282729797

Achromatomaly
4281617487

CSS Examples

Text

The CSS property to change the color of the text to Android 4279588961 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(21, 88, 97)` looks like.

```
.text, #text, p{  
    color:rgb(21, 88, 97)  
}
```

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(21, 88, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 88, 97) }
```

Border

The CSS property to change the border of an element to Android 4279588961 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(21, 88, 97) }
```

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

```
.border{ border-color:rgb(21, 88, 97) }
```

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

Here you see how a box with a 4 pixel rgb(21, 88, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 88, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 88, 97);  
box-shadow:4px 4px 4px 4px rgb(21, 88, 97)  
}
```

Background

The CSS property to change the background color of an element to Android 4279588961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 88, 97) }
```

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

```
.background{ background-color: rgb(21, 88,  
97) }
```

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