

Converting Colors

Android(4281178275)

Have a look what the booklet for
Android(4281178275) contains.

Android(4281178275)	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(4281178275)

Conversions

Conversions Part 1

Format	Color
Hex	2D98A3
RGB	45, 152, 163
RGB Percent	18%, 60%, 64%
CMY	0.8235, 0.4039, 0.3608
CMYK	0.72, 0.07, 0.00, 0.36
HSL	186°, 57%, 41%
HSV	186°, 72%, 64%
XYZ	18.9213, 25.6587, 38.6057
YIQ	121.2610, -67.3030, -19.2630

Conversions

Conversions Part 2

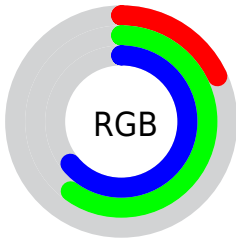
Format	Color
R_{YB}	45, 101, 163
Decimal	2988195
CIE _{Lab}	57.71, -25.77, -14.47
CIE _{LCh}	58, 29.556, 209.305
Yxy	25.6587, 0.2275, 0.3085
Android (android.graphics.Color)	4281178275 (0xFF2D98A3)
YUV	121.2610, 20.5773, -66.8809
Hunter-Lab	50.6544, -21.9689, -9.7291

Details

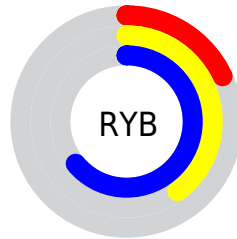
The Android color `4281178275` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288886829`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4285386714`, and `4278216047` is the 20% darker color. If you saturate the color by 10%, you get `4280129187`, and if you desaturate by 10%, it is `4282227363`.

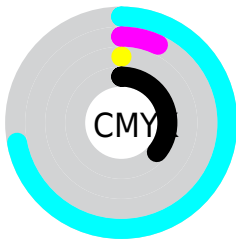
Distribution



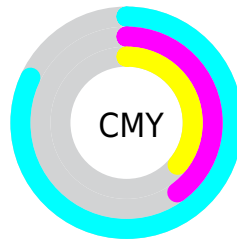
- Red (18%)
- Green (60%)
- Blue (64%)



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



- Cyan (72%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4281178275 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 4281178275 by changing the saturation by 10% instead.



4281178275



4281178275

4294967295



4278222473



4285386714



4278216047



4287294454



4278209623



4289200127



4278203712



4291100671



4278198570



4293066751



4278190358



4278190080



4281178275



4281178275



4280129187



4282227363

■ 4279014819

■ 4283341731

■ 4278228131

■ 4284390819

■ 4285439651

■ 4286488739

■ 4287603107

■ 4288652195

■ 4289701027

■ 4290815651

Harmonies

Analogous

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



4282685833



4281178275



4282291382

Triad

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



4281178275



4289428645



4288514391

Complementary

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



4281178275



4288886829

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.



4289888351



4281178275



4290475916

Square

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



4281178275



4287464632



4290607475



4286746973

Rectangle

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



4281178275



4283994301



4290607475



4288972376

Sweetspot

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



4281178275



4289056724



4281180983



4283394411



4293651435



4285229931

Same Dimension

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



4281178275



4280074964



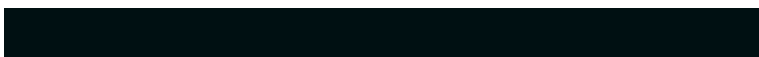
4281163427



4282995026



4278224017



4278194194

Inverse Universe

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



4288884120



4292091074



4288901677



4283582801



4287692932



4279369744

Previews

White Background



This preview shows how the Android color 4281178275 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



This preview shows how the Android color 4281178275 looks on a 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 4281178275 Background



This preview shows how black text looks on a background with the Android color 4281178275.



This preview shows how white text looks on a background with the Android color 4281178275.

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

4281178275



Protanomaly

4284976797



Deuteranomaly

4285042086



Tritanomaly

4281243812

Monochromacy



Original Color

4281178275



Achromatopsia

4286151033



Achromatomaly

4284318856

CSS Examples

Text

The CSS property to change the color of the text to Android 4281178275 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(45, 152, 163)` looks like.

```
.text, #text, p{  
    color:rgb(45, 152, 163)  
}
```

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(45, 152, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 152, 163) }
```

Border

The CSS property to change the border of an element to Android 4281178275 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(45, 152, 163) }
```

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

```
.border{ border-color:rgb(45, 152, 163) }
```

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

Here you see how a box with a 4 pixel rgb(45, 152, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 152, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 152, 163);  
box-shadow:4px 4px 4px 4px rgb(45, 152,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4281178275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 152, 163) }
```

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

```
.background{ background-color: rgb(45, 152,  
163) }
```

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