

Converting Colors

Android(4281183670)

Have a look what the booklet for
Android(4281183670) contains.

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Color

Android(4281183670)

Conversions

Conversions Part 1

Format	Color
Hex	2DADB6
RGB	45, 173, 182
RGB Percent	18%, 68%, 71%
CMY	0.8235, 0.3216, 0.2863
CMYK	0.75, 0.05, 0.00, 0.29
HSL	184°, 60%, 45%
HSV	184°, 75%, 71%
XYZ	24.4693, 33.8224, 49.4947
YIQ	135.7540, -79.1770, -24.3370

Conversions

Conversions Part 2

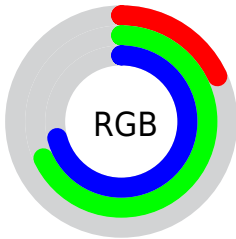
Format	Color
R _Y B	45, 111, 182
Decimal	2993590
CIE Lab	64.82, -30.29, -14.43
CIE LCh	65, 33.554, 205.474
Yxy	33.8224, 0.2270, 0.3138
Android (android.graphics.Color)	4281183670 (0xFF2DADB6)
YUV	135.7540, 22.7993, -79.5913
Hunter-Lab	58.1571, -26.6720, -9.7489




Details

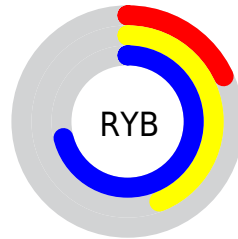
The Android color **4281183670** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **4290131501**, and the grayscale version is **4287137928**.




A 20% lighter version of the original color is **4285654510**, and **4278220929** is the 20% darker color. If you saturate the color by 10%, you get **4280003766**, and if you desaturate by 10%, it is **4282363574**.

Distribution







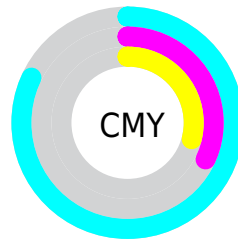
-  Red (18%)
-  Green (68%)
-  Blue (71%)






-  Red (18%)
-  Yellow (44%)
-  Blue (71%)



-  Cyan (75%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (29%)





-  Cyan (82%)
-  Magenta (32%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281183670 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 4281183670 by changing the saturation by 10% instead.


 4281183670

 4281183670

4294967295

 4278227611

 4285654510

 4278220929

 4287692799

 4278214504

 4289658879

 4278208336

 4291624959


 4278202169

 4293591039

 4278197028

 4278190349

 4278190080

 4281183670

 4281183670

■ 4280003766

■ 4282363574

■ 4278823862

■ 4283543478

■ 4278233782

■ 4284789174

■ 4285969078

■ 4287148982

■ 4288328886

■ 4289508790

■ 4290754486

■ 4291934390

Harmonies

Analogous

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



4283346327



4281183670



4282100174

Triad

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



4281183670



4290743744



4290157153

Complementary

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



4281183670



4290131501

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.



4291661933



4281183670



4292118435

Square

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



4281183670



4288387027



4292380805



4288127846

Rectangle

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



4281183670



4284196055



4292380805



4290680419

Sweetspot

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



4281183670



4290243309



4281185844



4283856504



4294440951



4286085240

Same Dimension

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



4281183670



4279820269



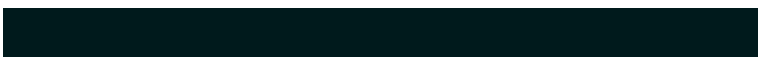
4281166774



4283652956



4278227356



4278196764

Inverse Universe

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



4290129325



4293728479



4290148397



4284240731



4288413841



4280025114

Previews

White Background



This preview shows how the Android color 4281183670 looks on a white 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

Black Background



This preview shows how the Android color 4281183670 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 ✓ Pass

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

Android 4281183670 Background



This preview shows how black text looks on a background with the Android color 4281183670.

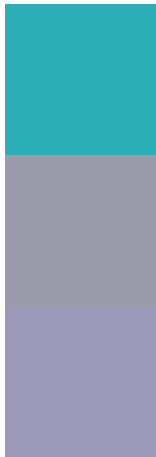


This preview shows how white text looks on a background with the Android color 4281183670.

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
4281183670

Protanopia
4288388011

Deuteranopia
4288453051

Trichromacy



Original Color

4281183670



Protanomaly

4285768367



Deuteranomaly

4285833401



Tritanomaly

4281314489

Monochromacy



Original Color

4281183670



Achromatopsia

4287137928



Achromatomaly

4284978585

CSS Examples

Text

The CSS property to change the color of the text to Android 4281183670 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, 173, 182)` looks like.

```
.text, #text, p{  
  color:rgb(45, 173, 182)  
}
```

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, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 173, 182) }
```

Border

The CSS property to change the border of an element to Android 4281183670 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, 173, 182) }
```

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

```
.border{ border-color:rgb(45, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(45, 173,  
182) }
```

Background

The CSS property to change the background color of an element to Android 4281183670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 173, 182) }
```

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

```
.background{ background-color: rgb(45, 173,  
182) }
```

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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