

Converting Colors

Android(4281191602)

Have a look what the booklet for
Android(4281191602) contains.

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Color

Android(4281191602)

Conversions

Conversions Part 1

Format	Color
Hex	2DCCB2
RGB	45, 204, 178
RGB Percent	18%, 80%, 70%
CMY	0.8235, 0.2000, 0.3020
CMYK	0.78, 0.00, 0.13, 0.20
HSL	170°, 64%, 49%
HSV	170°, 78%, 80%
XYZ	30.7109, 46.9580, 49.5646
YIQ	153.4950, -86.4180, -41.7940

Conversions

Conversions Part 2

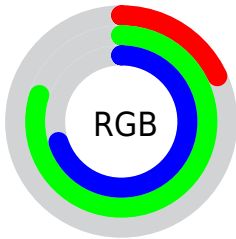
Format	Color
RYB	45, 132, 204
Decimal	3001522
CIELab	74.16, -45.53, 1.60
CIELCh	74, 45.561, 177.985
Yxy	46.9580, 0.2414, 0.3691
Android (android.graphics.Color)	4281191602 (0xFF2DCCB2)
YUV	153.4950, 12.0810, -95.1501
Hunter-Lab	68.5259, -39.9228, 5.0838

Details

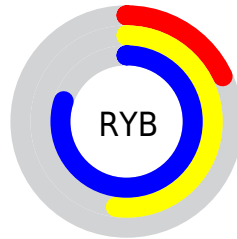
The Android color `4281191602` is a dark color, and the websafe version is hex `33CC99`. The color can be described as middle muted spring green. A complement of this color would be `4291571015`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4285988842`, and `4278228349` is the 20% darker color. If you saturate the color by 10%, you get `4279880879`, and if you desaturate by 10%, it is `4282502325`.

Distribution



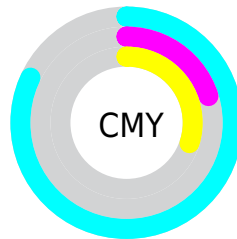
- Red (18%)
- Green (80%)
- Blue (70%)



- Red (18%)
- Yellow (52%)
- Blue (80%)



- Cyan (78%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)





- Cyan (82%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281191602 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 4281191602 by changing the saturation by 10% instead.

 4281191602

 4281191602

4294967295

 4278235287

 4285988842

 4278228349

 4288020479

 4278221413

 4289986559

 4278214989

 4292018175


 4278208566


 4294049791

 4278202401

 4278195978

 4278190080

 4281191602

 4281191602

■ 4279880879

■ 4282502325

■ 4278504619

■ 4283878585

■ 4278242475

■ 4285189308

■ 4286565567

■ 4287876291

■ 4289187014

■ 4290563273

■ 4291873997

■ 4293250256

Harmonies

Analogous

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



4285974664



4281191602



4278242524

Triad

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



4281191602



4290162175



4294222960

Complementary

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



4281191602



4291571015

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.



4294940817



4281191602



4293434851

Square

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



4281191602



4285447167



4294940091



4292064097

Rectangle

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



4281191602



4278241523



4294940091



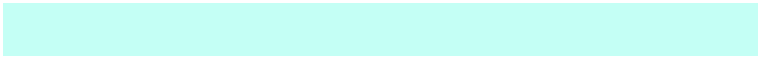
4294745978

Sweetspot

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



4281191602



4291100661



4282895405



4284252282



4278190080



4286611584

Same Dimension

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



4281191602



4279238616



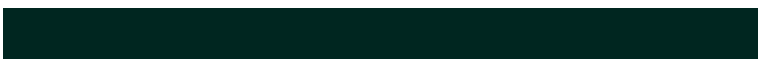
4281178060



4284245604



4278232715



4278199840

Inverse Universe

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



4291571015



4294905654



4291584557



4284898397



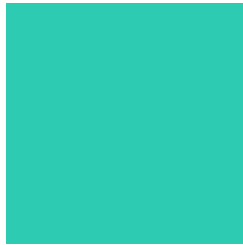
4289069083



4280680454

Previews

White Background



This preview shows how the Android color 4281191602 looks on a white background.

Color Contrast Check

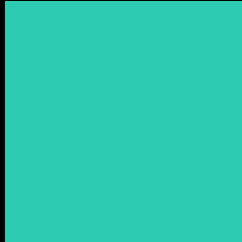
Large Text (above 18pt) WCAG AA × Fail

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 4281191602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

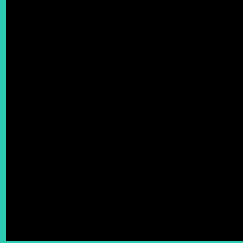
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

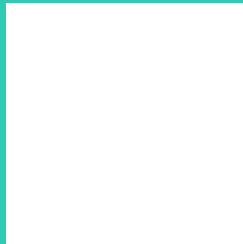
Any Text WCAG AAA ✓ Pass

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

Android 4281191602 Background



This preview shows how black text looks on a background with the Android color 4281191602.



This preview shows how white text looks on a background with the Android color 4281191602.

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
4281191602



Protanomaly
4287151530



Deuteranomaly
4287543990



Tritanomaly
4282173898

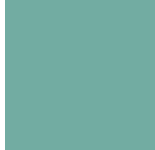
Monochromacy



Original Color
4281191602



Achromatopsia
4288256409



Achromatomaly
4285705378

CSS Examples

Text

The CSS property to change the color of the text to Android 4281191602 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, 204, 178)` looks like.

```
.text, #text, p{  
    color:rgb(45, 204, 178)  
}
```

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, 204, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 204, 178) }
```

Border

The CSS property to change the border of an element to Android 4281191602 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, 204, 178) }
```

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

```
.border{ border-color:rgb(45, 204, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 204, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 204, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 204, 178);  
box-shadow:4px 4px 4px 4px rgb(45, 204,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4281191602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 204, 178) }
```

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

```
.background{ background-color: rgb(45, 204,  
178) }
```

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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