

Converting Colors

Android(4281193072)

Have a look what the booklet for
Android(4281193072) contains.

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Color

Android(4281193072)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2DD270 |
| RGB | 45, 210, 112 |
| RGB Percent | 18%, 82%, 44% |
| CMY | 0.8235, 0.1765, 0.5608 |
| CMYK | 0.79, 0.00, 0.47, 0.18 |
| HSL | 144°, 65%, 50% |
| HSV | 144°, 79%, 82% |
| XYZ | 27.0534, 47.8209, 23.1337 |
| YIQ | 149.4930, -66.8820, -65.4580 |

Conversions

Conversions Part 2

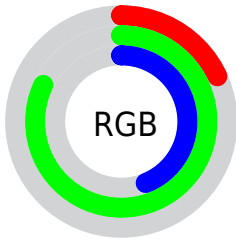
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 45, 162, 210 |
| Decimal | 3002992 |
| CIELab | 74.71, -62.10, 37.06 |
| CIELCh | 75, 72.316, 149.173 |
| Yxy | 47.8209, 0.2760, 0.4879 |
| Android (android.graphics.Color) | 4281193072 (0xFF2DD270) |
| YUV | 149.4930, -18.4840, -91.6404 |
| Hunter-Lab | 69.1527, -51.1857, 28.5725 |

Details

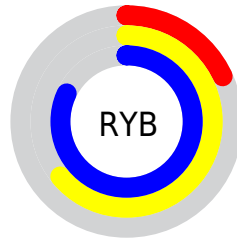
The Android color `4281193072` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark washed spring green. A complement of this color would be `4291964303`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4285923237`, and `4278229566` is the 20% darker color. If you saturate the color by 10%, you get `4279816804`, and if you desaturate by 10%, it is `4282569340`.

Distribution



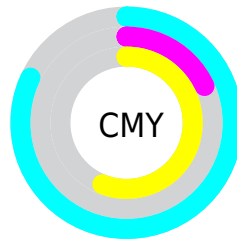
- Red (18%)
- Green (82%)
- Blue (44%)



- Red (18%)
- Yellow (64%)
- Blue (82%)



- Cyan (79%)
- Magenta (0%)
- Yellow (47%)
- Black (18%)





- Cyan (82%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281193072 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 4281193072 by changing the saturation by 10% instead.

 4281193072

 4281193072

4294967295

 4278236759

 4285923237

 4278229566

 4288020417

 4278222629

 4289986525

 4278215946

 4292018170


 4278209280

 4293984255

 4278203392

 4278196480

 4278190080

 4281193072

 4281193072

 4279816804

 4282569340

 4278440535

 4283945609

 4278243925

 4285321877

 4286698146

 4288074414

 4289450683

 4290826951

 4292203220

 4293579488

Harmonies

Analogous

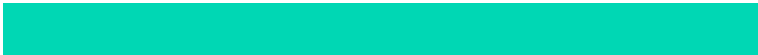
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288268087



4281193072



4278245300

Triad

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



4281193072



4278239487



4294934651

Complementary

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



4281193072



4291964303

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.



4294932669



4281193072



4290029567

Square

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



4281193072



4278243583



4294937341



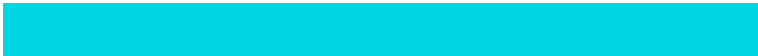
4294941251

Rectangle

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



4281193072



4278245346



4294937341



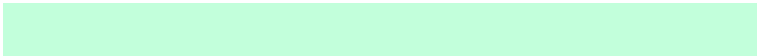
4294933392

Sweetspot

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



4281193072



4290969563



4287681069



4284186730



4278190080



4286611584

Same Dimension

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



4281193072



4279238513



4281193154



4284377442



4278233156



4278200593

Inverse Universe

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



4291964303



4294905758



4291964222



4285095524



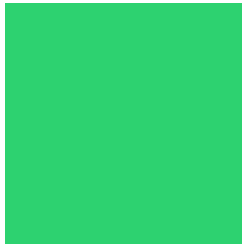
4289200228



4280877080

Previews

White Background



This preview shows how the Android color 4281193072 looks on a white background.

Color Contrast Check

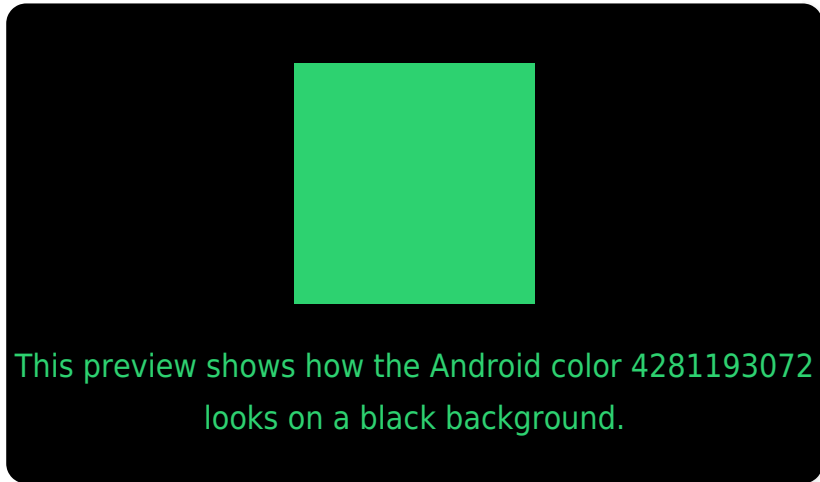
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4281193072 Background



This preview shows how black text looks on a background with the Android color 4281193072.



This preview shows how white text looks on a background with the Android color 4281193072.

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
4281193072

Protanopia
4291343974

Deuteranopia
4292587129

Trichromacy



Original Color

4281193072



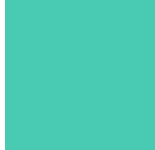
Protanomaly

4287676522



Deuteranomaly

4288461686



Tritanomaly

4283026098

Monochromacy



Original Color

4281193072



Achromatopsia

4287993237



Achromatomaly

4285508488

CSS Examples

Text

The CSS property to change the color of the text to Android 4281193072 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, 210, 112)` looks like.

```
.text, #text, p{  
    color:rgb(45, 210, 112)  
}
```

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, 210, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 210, 112) }
```

Border

The CSS property to change the border of an element to Android 4281193072 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, 210, 112) }
```

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

```
.border{ border-color:rgb(45, 210, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 210, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 210, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 210, 112);  
box-shadow:4px 4px 4px 4px rgb(45, 210,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4281193072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 210, 112) }
```

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

```
.background{ background-color: rgb(45, 210,  
112) }
```

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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