

Converting Colors

Android(4278243942)

Have a look what the booklet for
Android(4278243942) contains.

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Color

Android(4278243942)

Conversions

Conversions Part 1

Format	Color
Hex	00D266
RGB	0, 210, 102
RGB Percent	0%, 82%, 40%
CMY	1.0000, 0.1765, 0.6000
CMYK	1.00, 0.00, 0.51, 0.18
HSL	149°, 100%, 41%
HSV	149°, 100%, 82%
XYZ	25.4449, 47.0525, 20.3113
YIQ	134.8980, -90.4920, -78.1080

Conversions

Conversions Part 2

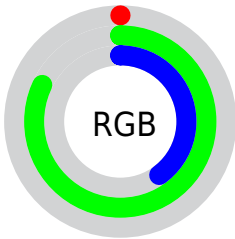
Format	Color
RYB	0, 141, 210
Decimal	53862
CIELab	74.22, -66.65, 41.28
CIELCh	74, 78.395, 148.225
Yxy	47.0525, 0.2742, 0.5070
Android (android.graphics.Color)	4278243942 (0xFF00D266)
YUV	134.8980, -16.2187, -118.3055
Hunter-Lab	68.5948, -53.8274, 30.4603

Details

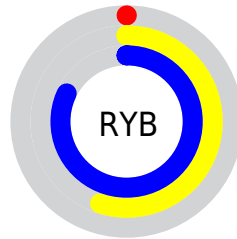
The Android color `4278243942` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4291952748`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285005723`, and `4278229555` is the 20% darker color. If you saturate the color by 10%, you get `4278243942`, and if you desaturate by 10%, it is `4279620209`.

Distribution



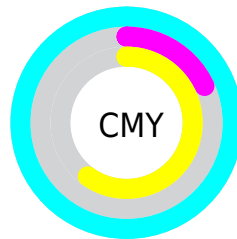
- Red (0%)
- Green (82%)
- Blue (40%)



- Red (0%)
- Yellow (55%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278243942 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 4278243942 by changing the saturation by 10% instead.

 4278243942

 4278243942

4294967295

 4278236748

 4285005723

 4278229555

 4287168438

 4278222617

 4289265618

 4278215680

 4291297263

 4278209024

 4293328895

 4278203136

 4278195968

 4278190080

 4278243942

 4279620209

 4280996476

 4282372742

 4283749009

 4285125276

 4286501543

 4287877810

 4289254076

 4290630343

Harmonies

Analogous

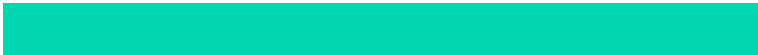
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288071201



4278243942



4278245296

Triad

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



4278243942



4278239487



4294932343

Complementary

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



4278243942



4291952748

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.



4294929854



4278243942



4289504767

Square

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



4278243942



4278243839



4294935807



4294939959

Rectangle

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



4278243942



4278245602



4294935807



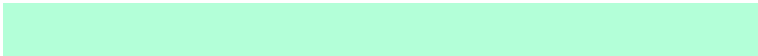
4294930574

Sweetspot

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



4278243942



4289986520



4285321728



4283596904



4278190080



4286611584

Same Dimension

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



4278243942



4278255484



4278244047



4284377443



4278233170



4278200596

Inverse Universe

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



4291952748



4294901891



4291952643



4285095523



4289200215



4280877077

Previews

White Background



This preview shows how the Android color 4278243942 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 4278243942 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 4278243942 Background



This preview shows how black text looks on a background with the Android color 4278243942.



This preview shows how white text looks on a background with the Android color 4278243942.

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

4278243942



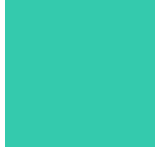
Protanomaly

4286562400



Deuteranomaly

4287347308



Tritanomaly

4281649837

Monochromacy



Original Color

4278243942



Achromatopsia

4287072135



Achromatomaly

4283867771

CSS Examples

Text

The CSS property to change the color of the text to Android 4278243942 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(0, 210, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 210, 102)  
}
```

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(0, 210, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 210, 102) }
```

Border

The CSS property to change the border of an element to Android 4278243942 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(0, 210, 102) }
```

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

```
.border{ border-color:rgb(0, 210, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 210, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 210, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 210, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 210,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4278243942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 210, 102) }
```

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

```
.background{ background-color: rgb(0, 210,  
102) }
```

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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