

Converting Colors

Android(4280864636)

Have a look what the booklet for
Android(4280864636) contains.

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Color

Android(4280864636)

Conversions

Conversions Part 1

Format	Color
Hex	28CF7C
RGB	40, 207, 124
RGB Percent	16%, 81%, 49%
CMY	0.8431, 0.1882, 0.5137
CMYK	0.81, 0.00, 0.40, 0.19
HSL	150°, 68%, 48%
HSV	150°, 81%, 81%
XYZ	26.8260, 46.5320, 26.6365
YIQ	147.6050, -72.8890, -61.2170

Conversions

Conversions Part 2

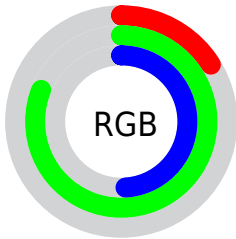
Format	Color
RYB	40, 151, 207
Decimal	2674556
CIELab	73.89, -59.48, 29.90
CIELCh	74, 66.570, 153.313
Yxy	46.5320, 0.2683, 0.4653
Android (android.graphics.Color)	4280864636 (0xFF28CF7C)
YUV	147.6050, -11.6373, -94.3696
Hunter-Lab	68.2144, -49.1782, 24.5984

Details

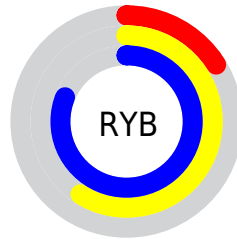
The Android color `4280864636` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4291766395`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4285726641`, and `4278228810` is the 20% darker color. If you saturate the color by 10%, you get `4279488370`, and if you desaturate by 10%, it is `4282240902`.

Distribution



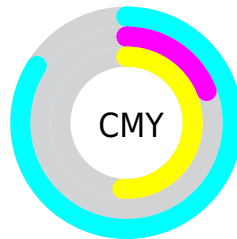
- Red (16%)
- Green (81%)
- Blue (49%)



- Red (16%)
- Yellow (59%)
- Blue (81%)



- Cyan (81%)
- Magenta (0%)
- Yellow (40%)
- Black (19%)



- Cyan (84%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280864636 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 4280864636 by changing the saturation by 10% instead.

 4280864636

 4280864636

4294967295

 4278236003

 4285726641


 4278228810

 4287758285

 4278221874

 4289789929

 4278215195

 4291756031

 4278208770

 4293787647

 4278202880

 4278195712

 4278190080

 4280864636

 4280864636

■ 4279488370

■ 4282240902

■ 4278243176

■ 4283551633

■ 4284927899

■ 4286304165

■ 4287680431

■ 4288991162

■ 4290367428

■ 4291743694

■ 4293054425

Harmonies

Analogous

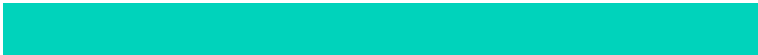
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287743304



4280864636



4278244283

Triad

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



4280864636



4281055999



4294936438

Complementary

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



4280864636



4291766395

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.



4294933937



4280864636



4290814975

Square

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



4280864636



4278242047



4294937070



4294942278

Rectangle

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



4280864636



4278244324



4294937070



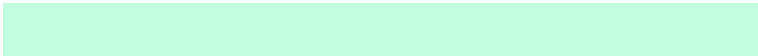
4294934921

Sweetspot

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



4280864636



4290969569



4286369576



4284186733



4278190080



4286611584

Same Dimension

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



4280864636



4278779780



4280864719



4284377443



4278233173



4278200597

Inverse Universe

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



4291766395



4294903939



4291766312



4285095523



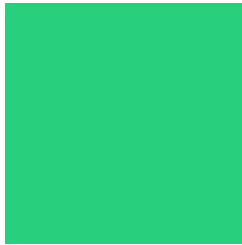
4289200212



4280877076

Previews

White Background



This preview shows how the Android color 4280864636 looks on a white background.

Color Contrast Check

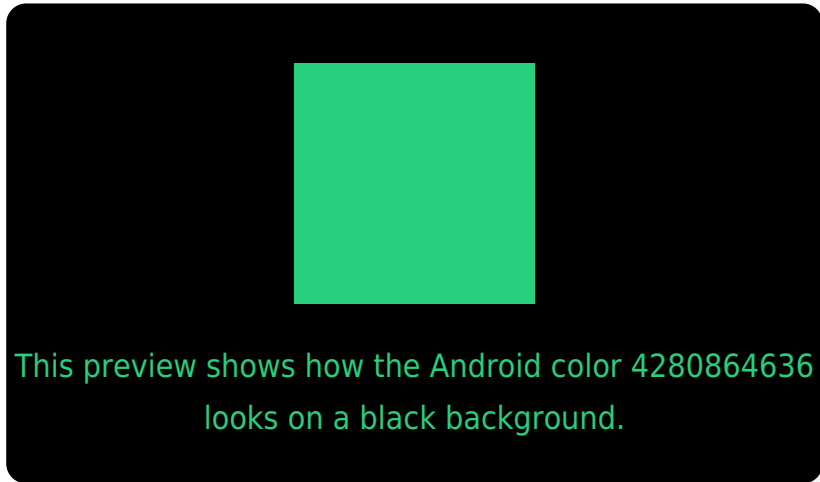
Large Text (above 18pt) WCAG AA × Fail

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 4280864636 Background



This preview shows how black text looks on a background with the Android color 4280864636.



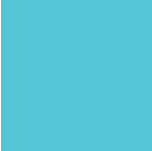
This preview shows how white text looks on a background with the Android color 4280864636.

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





Tritanopia
4283680212

Trichromacy



Original Color

4280864636



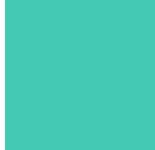
Protanomaly

4287348341



Deuteranomaly

4288067969



Tritanomaly

4282632628

Monochromacy



Original Color

4280864636



Achromatopsia

4287927444



Achromatomaly

4285376907

CSS Examples

Text

The CSS property to change the color of the text to Android 4280864636 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(40, 207, 124)` looks like.

```
.text, #text, p{  
    color:rgb(40, 207, 124)  
}
```

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(40, 207, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 207, 124) }
```

Border

The CSS property to change the border of an element to Android 4280864636 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(40, 207, 124) }
```

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

```
.border{ border-color:rgb(40, 207, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 207, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 207, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 207, 124);  
box-shadow:4px 4px 4px 4px rgb(40, 207,  
124) }
```

Background

The CSS property to change the background color of an element to Android 4280864636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 207, 124) }
```

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

```
.background{ background-color: rgb(40, 207,  
124) }
```

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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