

Converting Colors

Android(4280864087)

Have a look what the booklet for
Android(4280864087) contains.

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Color

Android(4280864087)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 28CD57 |
| RGB | 40, 205, 87 |
| RGB Percent | 16%, 80%, 34% |
| CMY | 0.8431, 0.1961, 0.6588 |
| CMYK | 0.80, 0.00, 0.58, 0.20 |
| HSL | 137°, 67%, 48% |
| HSV | 137°, 80%, 80% |
| XYZ | 24.4267, 44.8019, 16.3770 |
| YIQ | 142.2130, -60.4620, -71.6780 |

Conversions

Conversions Part 2

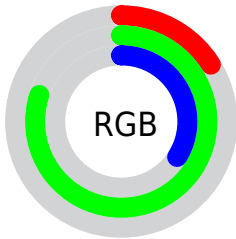
| Format | Color |
|-------------------------------------|--|
| RYB | 40, 168, 205 |
| Decimal | 2674007 |
| CIELab | 72.76, -64.70, 46.67 |
| CIELCh | 73, 79.778, 144.194 |
| Yxy | 44.8019, 0.2853, 0.5234 |
| Android (android.graphics.Color) | 4280864087 (0xFF28CD57) |
| YUV | 142.2130, -27.2200, -89.6408 |
| Hunter-Lab | 66.9342, -51.9938, 32.3472 |

Details

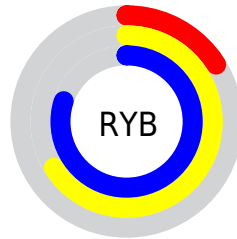
The Android color `4280864087` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark muted green. A complement of this color would be `4291635358`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4285726604`, and `4278228258` is the 20% darker color. If you saturate the color by 10%, you get `4279487816`, and if you desaturate by 10%, it is `4282174822`.

Distribution



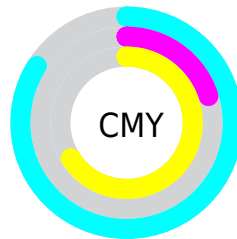
- Red (16%)
- Green (80%)
- Blue (34%)



- Red (16%)
- Yellow (66%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (58%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280864087 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 4280864087 by changing the saturation by 10% instead.



4280864087



4280864087

4294967295



4278235453



4285726604



4278228258



4287823783



4278221312



4289789891



4278214656



4291821536



4278208000



4293853181



4278202112



4278194432



4278190080



4280864087



4280864087

 4279487816

 4282174822

 4278242618

 4283551092


 4284861827

 4286238098

 4287614368

 4288925103

 4290301374

 4291612108

 4292922843

Harmonies

Analogous

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



4288462852



4280864087



4278244257

Triad

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



4280864087



4278239487



4294930043

Complementary

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



4280864087



4291635358

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.



4294928580



4280864087



4287931903

Square

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



4280864087



4278243071



4294738943



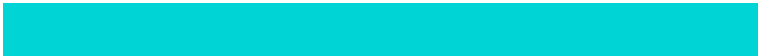
4294937657

Rectangle

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



4280864087



4278244564



4294738943



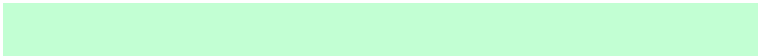
4294928531

Sweetspot

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



4280864087



4290969555



4288597288



4284186725



4278190080



4286611584

Same Dimension

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



4280864087



4278779726



4280864169



4284245599



4278232623



4278199819

Inverse Universe

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



4291635358



4294903993



4291635276



4284898403



4289069175



4280680475

Previews

White Background



This preview shows how the Android color 4280864087 looks on a white background.

Color Contrast Check

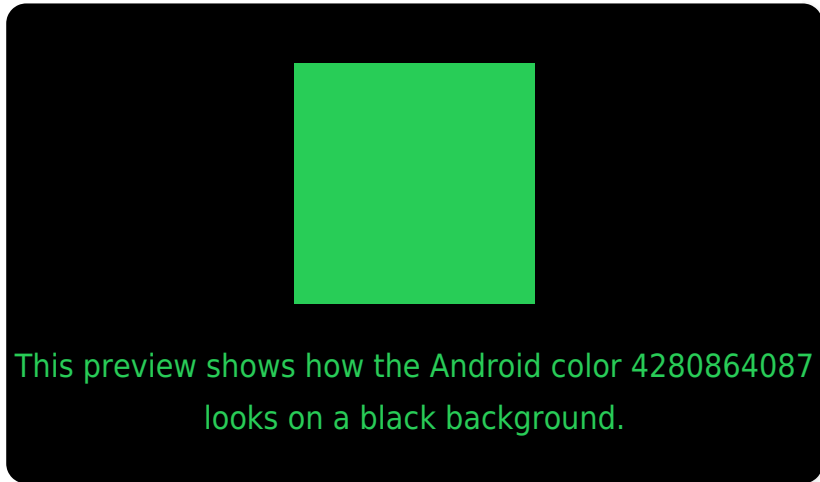
Large Text (above 18pt) WCAG AA × Fail

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 4280864087 Background



This preview shows how black text looks on a background with the Android color 4280864087.



This preview shows how white text looks on a background with the Android color 4280864087.

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

4280864087



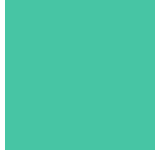
Protanomaly

4287413073



Deuteranomaly

4288198237



Tritanomaly

4282893732

Monochromacy



Original Color

4280864087



Achromatopsia

4287532686



Achromatomaly

4285113722

CSS Examples

Text

The CSS property to change the color of the text to Android 4280864087 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, 205, 87)` looks like.

```
.text, #text, p{  
    color:rgb(40, 205, 87)  
}
```

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, 205, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 205, 87) }
```

Border

The CSS property to change the border of an element to Android 4280864087 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, 205, 87) }
```

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

```
.border{ border-color:rgb(40, 205, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 205, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 205, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 205, 87);  
box-shadow:4px 4px 4px 4px rgb(40, 205,  
87) }
```

Background

The CSS property to change the background color of an element to Android 4280864087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 205, 87) }
```

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

```
.background{ background-color: rgb(40, 205,  
87) }
```

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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