

Converting Colors

Android(4280407639)

Have a look what the booklet for
Android(4280407639) contains.

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Color

Android(4280407639)

Conversions

Conversions Part 1

Format	Color
Hex	21D657
RGB	33, 214, 87
RGB Percent	13%, 84%, 34%
CMY	0.8706, 0.1608, 0.6588
CMYK	0.85, 0.00, 0.59, 0.16
HSL	138°, 73%, 48%
HSV	138°, 85%, 84%
XYZ	26.3941, 49.1046, 17.1038
YIQ	145.4030, -67.1090, -77.8690

Conversions

Conversions Part 2

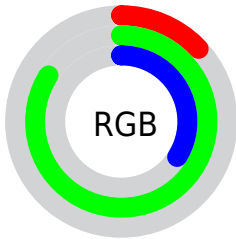
Format	Color
RYB	33, 172, 214
Decimal	2217559
CIELab	75.52, -68.26, 49.87
CIELCh	76, 84.539, 143.847
Yxy	49.1046, 0.2850, 0.5303
Android (android.graphics.Color)	4280407639 (0xFF21D657)
YUV	145.4030, -28.7927, -98.5774
Hunter-Lab	70.0747, -55.3975, 34.5807

Details

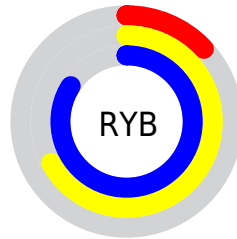
The Android color `4280407639` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292223392`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4285726604`, and `4278230561` is the 20% darker color. If you saturate the color by 10%, you get `4279031368`, and if you desaturate by 10%, it is `4281783910`.

Distribution



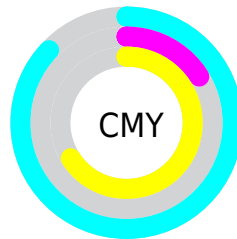
- Red (13%)
- Green (84%)
- Blue (34%)



- Red (13%)
- Yellow (67%)
- Blue (84%)



- Cyan (85%)
- Magenta (0%)
- Yellow (59%)
- Black (16%)



- Cyan (87%)
- Magenta (16%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280407639 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 4280407639 by changing the saturation by 10% instead.



4280407639



4280407639

4294967295



4278237501



4285726604



4278230561



4287823784



4278223360



4289855428



4278216704



4291887073



4278210048



4293918718



4278204160



4278197248



4278190080



4280407639



4280407639

■ 4279031368

■ 4281783910

■ 4278244928

■ 4283225717

■ 4284601988

■ 4286043795

■ 4287420066

■ 4288796337

■ 4290238144

■ 4291614415

■ 4293056222

Harmonies

Analogous

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



4288858112



4280407639



4278246567

Triad

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



4280407639



4278241535



4294930304

Complementary

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



4280407639



4292223392

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.



4294928846



4280407639



4288064767

Square

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



4280407639



4278245631



4294936575



4294938680

Rectangle

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



4280407639



4278247133



4294936575



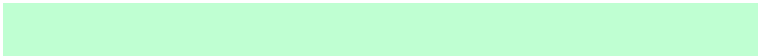
4294928537

Sweetspot

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



4280407639



4290772946



4288927265



4284055653



4278190080



4286611584

Same Dimension

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



4280407639



4278255436



4280407727



4284509028



4278233907



4278201101

Inverse Universe

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



4292223392



4294901939



4292223304



4285227112



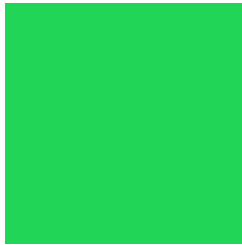
4289396856



4281008158

Previews

White Background



This preview shows how the Android color 4280407639 looks on a white background.

Color Contrast Check

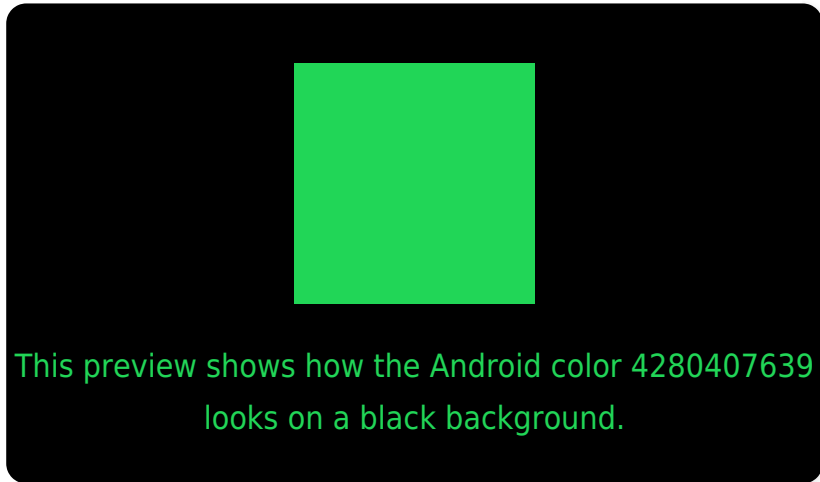
Large Text (above 18pt) WCAG AA × Fail

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

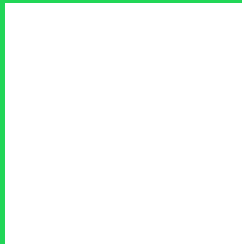
Any Text WCAG AAA ✓ Pass

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

Android 4280407639 Background



This preview shows how black text looks on a background with the Android color 4280407639.



This preview shows how white text looks on a background with the Android color 4280407639.

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

4280407639



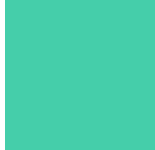
Protanomaly

4287546449



Deuteranomaly

4288462430



Tritanomaly

4282764970

Monochromacy



Original Color

4280407639



Achromatopsia

4287730065



Achromatomaly

4285049468

CSS Examples

Text

The CSS property to change the color of the text to Android 4280407639 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(33, 214, 87)` looks like.

```
.text, #text, p{  
    color:rgb(33, 214, 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(33, 214, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 214, 87) }
```

Border

The CSS property to change the border of an element to Android 4280407639 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(33, 214, 87) }
```

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

```
.border{ border-color:rgb(33, 214, 87) }
```

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

Here you see how a box with a 4 pixel rgb(33, 214, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 214, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 214, 87);  
box-shadow:4px 4px 4px 4px rgb(33, 214,  
87) }
```

Background

The CSS property to change the background color of an element to Android 4280407639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 214, 87) }
```

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

```
.background{ background-color: rgb(33, 214,  
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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