

Converting Colors

Android(4281587266)

Have a look what the booklet for
Android(4281587266) contains.

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Color

Android(4281587266)

Conversions

Conversions Part 1

Format	Color
Hex	33D642
RGB	51, 214, 66
RGB Percent	20%, 84%, 26%
CMY	0.8000, 0.1608, 0.7412
CMYK	0.76, 0.00, 0.69, 0.16
HSL	126°, 67%, 52%
HSV	126°, 76%, 84%
XYZ	26.3952, 49.1903, 13.2578
YIQ	148.3910, -49.6400, -80.5840

Conversions

Conversions Part 2

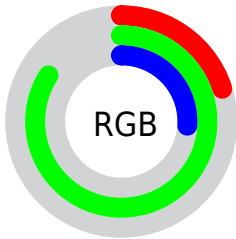
Format	Color
RYB	51, 200, 214
Decimal	3397186
CIELab	75.57, -68.49, 58.75
CIELCh	76, 90.232, 139.376
Yxy	49.1903, 0.2971, 0.5537
Android (android.graphics.Color)	4281587266 (0xFF33D642)
YUV	148.3910, -40.6188, -85.4119
Hunter-Lab	70.1358, -55.5602, 37.8875

Details

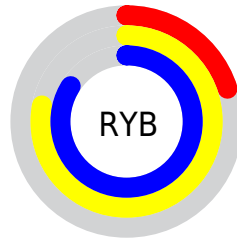
The Android color **4281587266** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **4292228039**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4286316409**, and **4278230528** is the 20% darker color. If you saturate the color by 10%, you get **4280210991**, and if you desaturate by 10%, it is **4282963541**.

Distribution



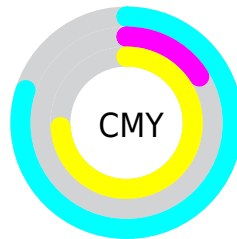
- Red (20%)
- Green (84%)
- Blue (26%)



- Red (20%)
- Yellow (78%)
- Blue (84%)



- Cyan (76%)
- Magenta (0%)
- Yellow (69%)
- Black (16%)





- Cyan (80%)
- Magenta (16%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281587266 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 4281587266 by changing the saturation by 10% instead.

 4281587266

 4281587266

4294967295

 4278237732

 4286316409

 4278230528

 4288413589

 4278223360

 4290445233

 4278216704

 4292476877


 4278210048


 4294508522

 4278204160

 4278197248

 4278190080

 4281587266

 4281587266

 4280210991

 4282963541

 4278769179

 4284405353

 4278244884

 4285781628

 4287223440

 4288599715

 4289975991

 4291417802

 4292794077

 4294235889

Harmonies

Analogous

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



4289512960



4281587266



4278247065

Triad

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



4281587266



4278242815



4294926728

Complementary

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



4281587266



4292228039

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.



4294926812



4281587266



4285444607

Square

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



4281587266



4278246399



4294936831



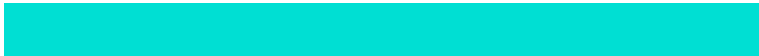
4294936122

Rectangle

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



4281587266



4278247379



4294936831



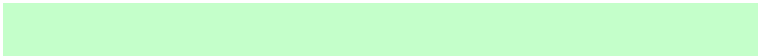
4294925220

Sweetspot

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



4281587266



4291100618



4291352115



4284252255



4278190080



4286611584

Same Dimension

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



4281587266



4279762732



4281587346



4284509025



4278233872



4278201092

Inverse Universe

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



4292228039



4294907882



4292227959



4285227114



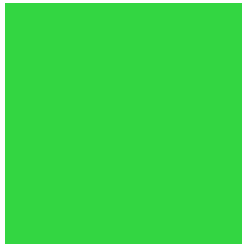
4289396891



4281008167

Previews

White Background



This preview shows how the Android color 4281587266 looks on a white background.

Color Contrast Check

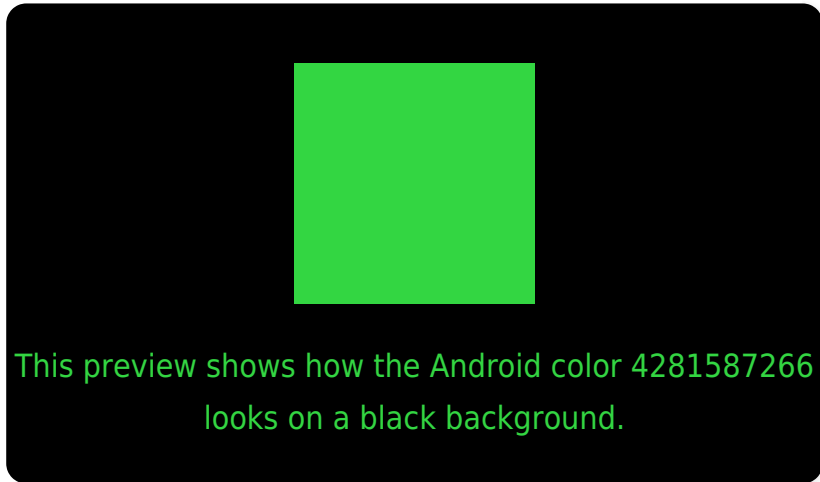
Large Text (above 18pt) WCAG AA × Fail

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 4281587266 Background



This preview shows how black text looks on a background with the Android color 4281587266.



This preview shows how white text looks on a background with the Android color 4281587266.

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

4281587266



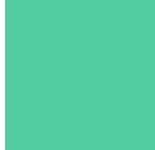
Protanomaly

4288070717



Deuteranomaly

4288986442



Tritanomaly

4283616673

Monochromacy



Original Color

4281587266



Achromatopsia

4287927444



Achromatomaly

4285639798

CSS Examples

Text

The CSS property to change the color of the text to Android 4281587266 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(51, 214, 66)` looks like.

```
.text, #text, p{  
    color:rgb(51, 214, 66)  
}
```

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(51, 214, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 214, 66) }
```

Border

The CSS property to change the border of an element to Android 4281587266 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(51, 214, 66) }
```

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

```
.border{ border-color:rgb(51, 214, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 214, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 214, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 214, 66);  
box-shadow:4px 4px 4px 4px rgb(51, 214,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4281587266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 214, 66) }
```

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

```
.background{ background-color: rgb(51, 214,  
66) }
```

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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