

Converting Colors

Android(4284733033)

Have a look what the booklet for
Android(4284733033) contains.

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Color

Android(4284733033)

Conversions

Conversions Part 1

Format	Color
Hex	63D669
RGB	99, 214, 105
RGB Percent	39%, 84%, 41%
CMY	0.6118, 0.1608, 0.5882
CMYK	0.54, 0.00, 0.51, 0.16
HSL	123°, 58%, 61%
HSV	123°, 54%, 84%
XYZ	31.7420, 51.7657, 21.6834
YIQ	167.1890, -33.5510, -58.2790

Conversions

Conversions Part 2

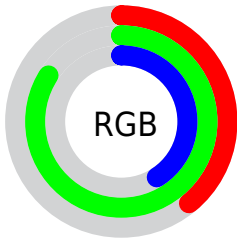
Format	Color
RYB	99, 208, 214
Decimal	6542953
CIELab	77.14, -54.57, 43.79
CIELCh	77, 69.970, 141.252
Yxy	51.7657, 0.3018, 0.4921
Android (android.graphics.Color)	4284733033 (0xFF63D669)
YUV	167.1890, -30.6592, -59.8018
Hunter-Lab	71.9484, -47.1596, 32.4954

Details

The Android color `4284733033` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4292240336`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4288610206`, and `4280262198` is the 20% darker color. If you saturate the color by 10%, you get `4283356757`, and if you desaturate by 10%, it is `4286109309`.

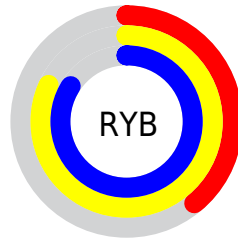
Distribution



Red (39%)

Green (84%)

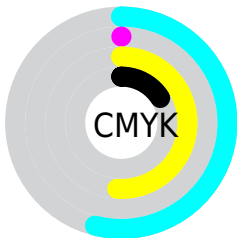
Blue (41%)



Red (39%)

Yellow (82%)

Blue (84%)

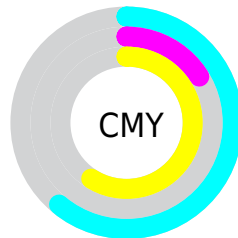


Cyan (54%)

Magenta (0%)

Yellow (51%)

Black (16%)



Cyan (61%)

Magenta (16%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284733033 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 4284733033 by changing the saturation by 10% instead.

 4284733033

 4284733033

4294967295

 4282694223

 4288610206

 4280262198

 4290510778

 4278223643

 4292476886

 4278216960

 4294442995

 4278210560

 4278204416

 4278198528


 4278190080

 4284733033

 4284733033

 4283356757

 4286109309

 4281914944

 4287551122

 4280538668

 4288927398

 4279096856

 4290369210

 4278244875

 4291745486

 4293121763

 4294563575

 4294956799

Harmonies

Analogous

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



4290038074



4284733033



4278246825

Triad

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



4284733033



4278242303



4294935955

Complementary

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



4284733033



4292240336

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.



4294935764



4284733033



4288525823

Square

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



4284733033



4278245631



4294679039



4294941530

Rectangle

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



4284733033



4278247126



4294679039



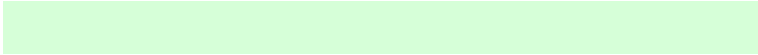
4294935209

Sweetspot

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



4284733033



4292280280



4291876451



4284973161



4278190080



4286611584

Same Dimension

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



4284733033



4284284772



4284733090



4284509025



4278233865



4278201090

Inverse Universe

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



4292240336



4294925558



4292240279



4285227115



4289396898



4281008169

Previews

White Background



This preview shows how the Android color 4284733033 looks on a white background.

Color Contrast Check

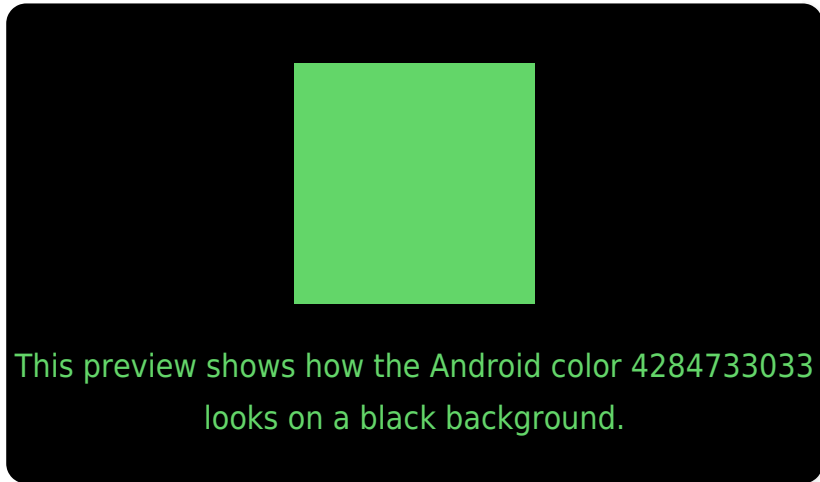
Large Text (above 18pt) WCAG AA × Fail

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

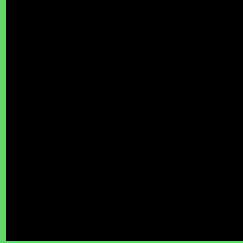
Any Text WCAG AA ✓ Pass

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 4284733033 Background



This preview shows how black text looks on a background with the Android color 4284733033.

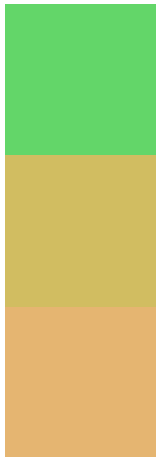


This preview shows how white text looks on a background with the Android color 4284733033.

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



Original Color
4284733033

Protanopia
4291935585

Deuteranopia
4293244273

Trichromacy



Original Color

4284733033



Protanomaly

4289316452



Deuteranomaly

4290167150



Tritanomaly

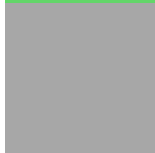
4285845169

Monochromacy



Original Color

4284733033



Achromatopsia

4289177511



Achromatomaly

4287543440

CSS Examples

Text

The CSS property to change the color of the text to Android 4284733033 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(99, 214, 105)` looks like.

```
.text, #text, p{  
    color:rgb(99, 214, 105)  
}
```

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(99, 214, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 214, 105) }
```

Border

The CSS property to change the border of an element to Android 4284733033 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(99, 214, 105) }
```

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

```
.border{ border-color:rgb(99, 214, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 214, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 214, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 214, 105);  
box-shadow:4px 4px 4px 4px rgb(99, 214,  
105) }
```

Background

The CSS property to change the background color of an element to Android 4284733033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 214, 105) }
```

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

```
.background{ background-color: rgb(99, 214,  
105) }
```

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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