

Converting Colors

Android(4284407932)

Have a look what the booklet for
Android(4284407932) contains.

Android(4284407932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284407932)

Conversions

Conversions Part 1

Format	Color
Hex	5EE07C
RGB	94, 224, 124
RGB Percent	37%, 88%, 49%
CMY	0.6314, 0.1216, 0.5137
CMYK	0.58, 0.00, 0.45, 0.12
HSL	134°, 68%, 62%
HSV	134°, 58%, 88%
XYZ	34.9098, 57.1462, 28.2592
YIQ	173.7300, -45.3800, -58.6600

Conversions

Conversions Part 2

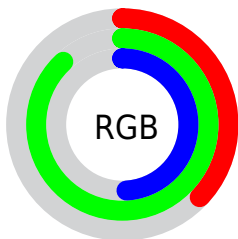
Format	Color
RYB	94, 200, 224
Decimal	6217852
CIELab	80.26, -56.85, 38.39
CIElCh	80, 68.598, 145.965
Yxy	57.1462, 0.2902, 0.4750
Android (android.graphics.Color)	4284407932 (0xFF5EE07C)
YUV	173.7300, -24.5169, -69.9232
Hunter-Lab	75.5951, -49.8601, 30.7526

Details

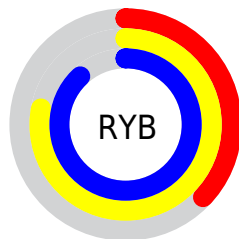
The Android color `4284407932` is a dark color, and the websafe version is hex `33CC66`. The color can be described as middle muted spring green. A complement of this color would be `4292894402`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4288348082`, and `4279019593` is the 20% darker color. If you saturate the color by 10%, you get `4282966123`, and if you desaturate by 10%, it is `4285849741`.

Distribution



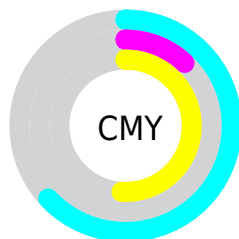
- Red (37%)
- Green (88%)
- Blue (49%)



- Red (37%)
- Yellow (78%)
- Blue (88%)



- Cyan (58%)
- Magenta (0%)
- Yellow (45%)
- Black (12%)



- Cyan (63%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284407932 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 4284407932 by changing the saturation by 10% instead.



4284407932



4284407932

4294967295



4282237794



4288348082



4279019593



4290314190



4278225968



4292280298



4278219287



4294246399



4278212608



4278206208



4278200576



4278190592



4278190080

 4284407932

 4284407932

 4282966123

 4285849741

 4281458778

 4287357086

 4280016968

 4288798896

 4278509623

 4290306241

 4278247476

 4291748050

 4293189859

 4294697205

 4294959359

Harmonies

Analogous

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



4289975371



4284407932



4278249148

Triad

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



4284407932



4278243839



4294939283

Complementary

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



4284407932



4292894402

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.



4294938067



4284407932



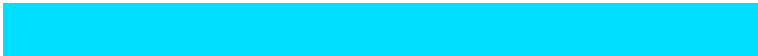
4290427647

Square

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



4284407932



4278247423



4294942719



4294944861

Rectangle

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



4284407932



4278249192



4294942719



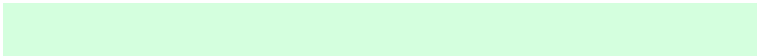
4294938279

Sweetspot

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



4284407932



4292149214



4291092574



4284907628



4278190080



4286611584

Same Dimension

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



4284407932



4283301750



4284407995



4284837992



4278235177



4278202379

Inverse Universe

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



4292894402



4294921686



4292894339



4285556078



4289724551



4281335845

Previews

White Background



This preview shows how the Android color 4284407932 looks on a white background.

Color Contrast Check

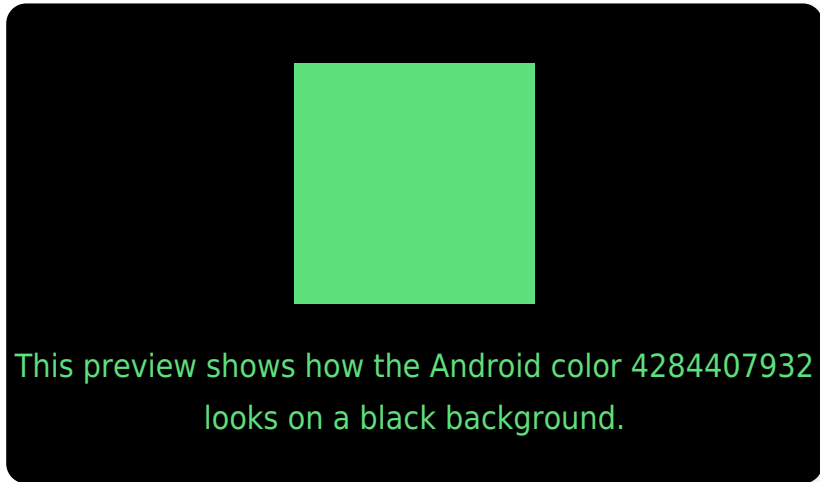
Large Text (above 18pt) WCAG AA × Fail

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 4284407932 Background



This preview shows how black text looks on a background with the Android color 4284407932.

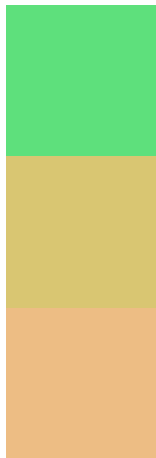


This preview shows how white text looks on a background with the Android color 4284407932.

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
4284407932

Protanopia
4292462194

Deuteranopia
4293770628

Trichromacy



Original Color

4284407932



Protanomaly

4289515382



Deuteranomaly

4290366081



Tritanomaly

4285585599

Monochromacy



Original Color

4284407932



Achromatopsia

4289638062



Achromatomaly

4287742108

CSS Examples

Text

The CSS property to change the color of the text to Android 4284407932 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(94, 224, 124)` looks like.

```
.text, #text, p{  
    color:rgb(94, 224, 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(94, 224, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 224, 124) }
```

Border

The CSS property to change the border of an element to Android 4284407932 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(94, 224, 124) }
```

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

```
.border{ border-color:rgb(94, 224, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 224, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 224, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 224, 124);  
box-shadow:4px 4px 4px 4px rgb(94, 224,  
124) }
```

Background

The CSS property to change the background color of an element to Android 4284407932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 224, 124) }
```

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

```
.background{ background-color: rgb(94, 224,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor