

# Converting Colors

Android(4284397934)

Have a look what the booklet for  
Android(4284397934) contains.

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**Color**

**Android(4284397934)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EB96E
RGB	94, 185, 110
RGB Percent	37%, 73%, 43%
CMY	0.6314, 0.2745, 0.5686
CMYK	0.49, 0.00, 0.41, 0.27
HSL	131°, 39%, 55%
HSV	131°, 49%, 73%
XYZ	24.7795, 38.2034, 20.8198
YIQ	149.2410, -30.1610, -42.6170

# Conversions

## Conversions Part 2

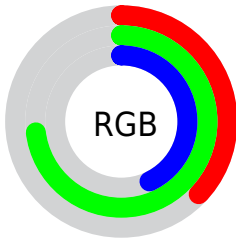
Format	Color
<a href="#">RYB</a>	<a href="#">94, 171, 185</a>
Decimal	<a href="#">6207854</a>
CIELab	<a href="#">68.17, -43.39, 29.90</a>
CIELCh	<a href="#">68, 52.692, 145.429</a>
Yxy	<a href="#">38.2034, 0.2957, 0.4559</a>
Android (android.graphics.Color)	<a href="#">4284397934 (0xFF5EB96E)</a>
YUV	<a href="#">149.2410, -19.3458, -48.4464</a>
Hunter-Lab	<a href="#">61.8089, -36.6039, 23.2949</a>

# Details

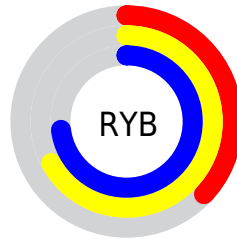
The Android color `4284397934` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4290338473`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4288082594`, and `4280517437` is the 20% darker color. If you saturate the color by 10%, you get `4283218271`, and if you desaturate by 10%, it is `4285643133`.

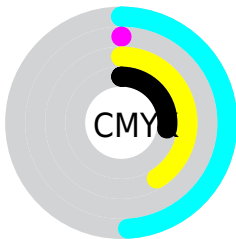
# Distribution



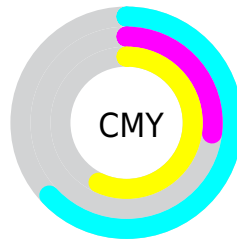
- Red (37%)
- Green (73%)
- Blue (43%)



- Red (37%)
- Yellow (67%)
- Blue (73%)



- Cyan (49%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (63%)
- Magenta (27%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284397934 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 4284397934 by changing the saturation by 10% instead.



 4284397934

 4284397934

4294967295

 4282555989

 4288082594

 4280517437

 4289920958

 4278216998

 4291821530

 4278210574

 4293722102

 4278204416

 4278199040


 4278190080

 4284397934

 4284397934

 4283218271

 4285643133

 4281973072

 4286822796

 4280793408

 4288067996


 4279548209

 4289247659

 4278303010

 4290492858

 4278237473

 4291672521

 4292917721

 4294097384

 4294949367

# Harmonies

## Analogous

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



4288262220



4284397934



4278238877

# Triad

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



4284397934



4281118207



4294869376

# Complementary

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



4284397934



4290338473

# 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.



4294606511



4284397934



4288519676

# Square

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



4284397934



4278237684



4292512477



4293627737

# Rectangle

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



4284397934



4278238910



4292512477



4294934159

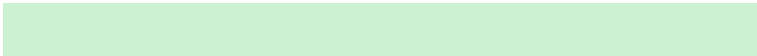


# Sweetspot

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



4284397934



4291621074



4289378654



4284643430



4294440951



4286085240



# Same Dimension

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



4284397934



4284674171



4284397979



4283653204



4278230043



4278197253



# Inverse Universe

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



4290338473



4293944023



4290338428



4284240730



4288413824



4280025111



# Previews

## White Background



This preview shows how the Android color 4284397934 looks on a white background.

## Color Contrast Check

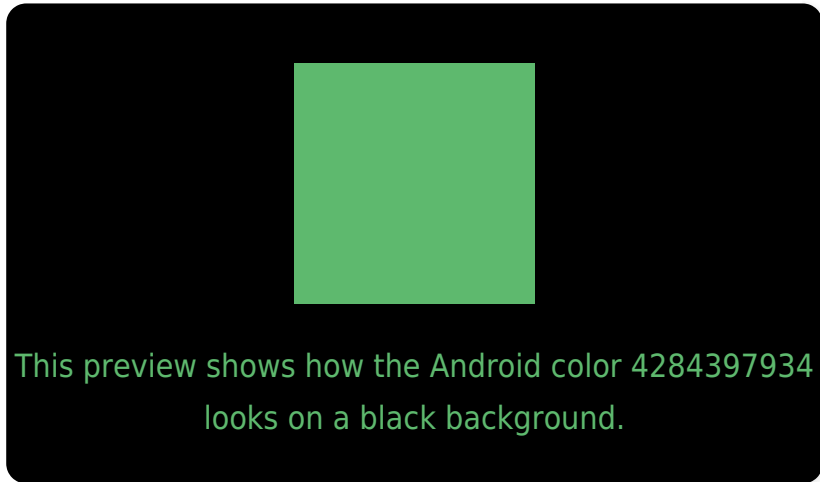
Large Text (above 18pt) WCAG AA × Fail

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

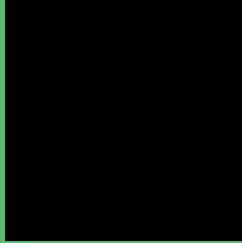
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284397934 Background



This preview shows how black text looks on a background with the Android color 4284397934.



This preview shows how white text looks on a background with the Android color 4284397934.

# 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**  
4284397934

**Protanopia**  
4290028902

**Deuteranopia**  
4291141236



# Trichromacy



**Original Color**

4284397934



**Protanomaly**

4287999081



**Deuteranomaly**

4288718962



**Tritanomaly**

4285117345

# Monochromacy



**Original Color**

4284397934



**Achromatopsia**

4287993237



**Achromatomaly**

4286685831

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284397934 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, 185, 110)` looks like.

```
.text, #text, p{  
    color:rgb(94, 185, 110)  
}
```

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, 185, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 185, 110) }
```

## Border

The CSS property to change the border of an element to Android 4284397934 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, 185, 110) }
```

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

```
.border{ border-color:rgb(94, 185, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 185, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 185, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 185, 110);  
box-shadow:4px 4px 4px 4px rgb(94, 185,  
110) }
```

# Background

The CSS property to change the background color of an element to Android 4284397934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 185, 110) }
```

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

```
.background{ background-color: rgb(94, 185,  
110) }
```

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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