

# Converting Colors

Android(4284342945)

Have a look what the booklet for  
Android(4284342945) contains.

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# **Color**

**Android(4284342945)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE2A1
RGB	93, 226, 161
RGB Percent	36%, 89%, 63%
CMY	0.6353, 0.1137, 0.3686
CMYK	0.59, 0.00, 0.29, 0.11
HSL	151°, 70%, 63%
HSV	151°, 59%, 89%
XYZ	38.1436, 59.2931, 43.1525
YIQ	178.8230, -58.4030, -48.4110

# Conversions

## Conversions Part 2

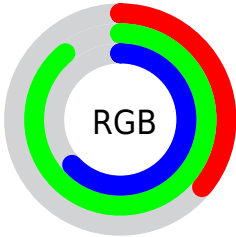
Format	Color
<a href="#">RYB</a>	<a href="#">93, 181, 226</a>
Decimal	<a href="#">6152865</a>
CIELab	<a href="#">81.45, -51.25, 21.11</a>
CIELCh	<a href="#">81, 55.427, 157.609</a>
Yxy	<a href="#">59.2931, 0.2713, 0.4217</a>
Android (android.graphics.Color)	<a href="#">4284342945 (0xFF5DE2A1)</a>
YUV	<a href="#">178.8230, -8.7867, -75.2668</a>
Hunter-Lab	<a href="#">77.0020, -46.3320, 20.6748</a>

# Details

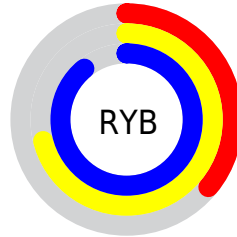
The Android color `4284342945` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4293025182`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4288282584`, and `4278692461` is the 20% darker color. If you saturate the color by 10%, you get `4282835606`, and if you desaturate by 10%, it is `4285850284`.

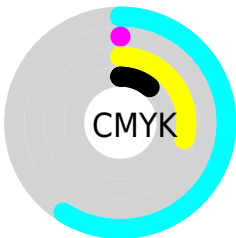
# Distribution



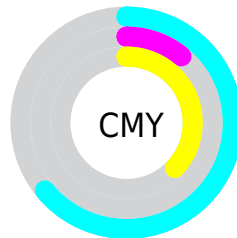
- Red (36%)
- Green (89%)
- Blue (63%)



- Red (36%)
- Yellow (71%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284342945 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 4284342945 by changing the saturation by 10% instead.





4284342945



4284342945

4294967295



4282173063



4288282584



4278692461



4290248693



4278226517



4292214783



4278219837



4294180863



4278213158



4278206993



4278201344



4278192640




4278190080

 4284342945

 4284342945

 4282835606

 4285850284

 4281393803

 4287292087

 4279886464

 4288799426

 4278444661

 4290241229

 4278248052

 4291748568

 4293255907

 4294697710

 4294959865

 4294959871

# Harmonies

## Analogous

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



4289059445



4284342945



4278248918

# Triad

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



4284342945



4287351807



4294944910

# Complementary

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



4284342945



4293025182

# 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.



4294942655



4284342945



4292917503

# Square

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



4284342945



4278246143



4294944499



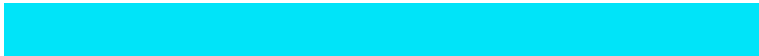
4294949482

# Rectangle

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



4284342945



4278248697



4294944499



4294943645

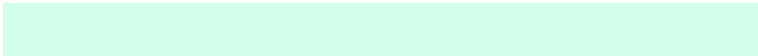


# Sweetspot

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



4284342945



4291952617



4288733789



4284711026



4278190080



4286611584



# Same Dimension

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



4284342945



4283105191



4284343010



4284837995



4278235226



4278202393



# Inverse Universe

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



4293025182



4294920866



4293025117



4285556074



4289724502

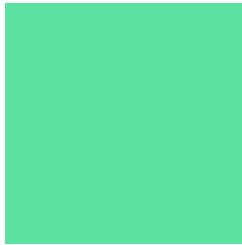


4281335832



# Previews

## White Background



This preview shows how the Android color 4284342945 looks on a white background.

## Color Contrast Check

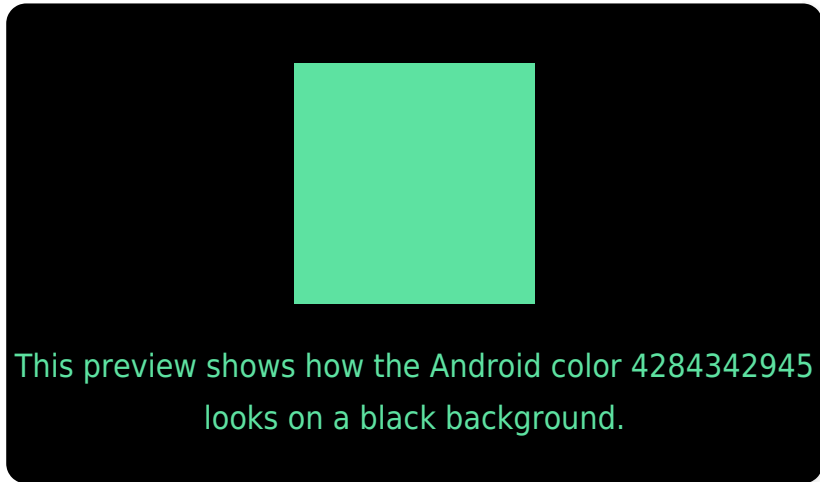
Large Text (above 18pt) WCAG AA × Fail

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 4284342945 Background



This preview shows how black text looks on a background with the Android color 4284342945.

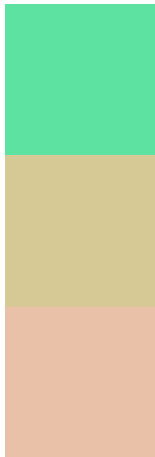


This preview shows how white text looks on a background with the Android color 4284342945.

# 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**  
4284342945

**Protanopia**  
4292331925

**Deuteranopia**  
4293444008



# Trichromacy



**Original Color**

4284342945



**Protanomaly**

4289450649



**Deuteranomaly**

4290104741



**Tritanomaly**

4285324495

# Monochromacy



**Original Color**

4284342945



**Achromatopsia**

4289967027



**Achromatomaly**

4287939756

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284342945 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(93, 226, 161)` looks like.

```
.text, #text, p{  
    color:rgb(93, 226, 161)  
}
```

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(93, 226, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 226, 161) }
```

## Border

The CSS property to change the border of an element to Android 4284342945 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(93, 226, 161) }
```

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

```
.border{ border-color:rgb(93, 226, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 226, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 226, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 226, 161);  
box-shadow:4px 4px 4px 4px rgb(93, 226,  
161) }
```

# Background

The CSS property to change the background color of an element to Android 4284342945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 226, 161) }
```

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

```
.background{ background-color: rgb(93, 226,  
161) }
```

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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