

# Converting Colors

Android(4287745675)

Have a look what the booklet for  
Android(4287745675) contains.

<b>Android(4287745675)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4287745675)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91CE8B
RGB	145, 206, 139
RGB Percent	57%, 81%, 55%
CMY	0.4314, 0.1922, 0.4549
CMYK	0.30, 0.00, 0.33, 0.19
HSL	115°, 41%, 68%
HSV	115°, 33%, 81%
XYZ	38.4086, 52.0264, 32.4439
YIQ	180.1230, -14.8490, -33.7690

# Conversions

## Conversions Part 2

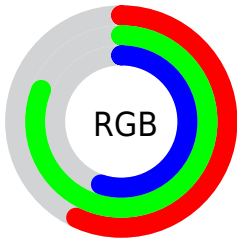
Format	Color
<a href="#">RYB</a>	<a href="#">139, 206, 200</a>
Decimal	<a href="#">9555595</a>
CIELab	<a href="#">77.30, -32.48, 27.27</a>
CIELCh	<a href="#">77, 42.414, 139.983</a>
Yxy	<a href="#">52.0264, 0.3126, 0.4234</a>
Android (android.graphics.Color)	<a href="#">4287745675 (0xFF91CE8B)</a>
YUV	<a href="#">180.1230, -20.2736, -30.8029</a>
Hunter-Lab	<a href="#">72.1294, -31.1759, 23.8218</a>

# Details

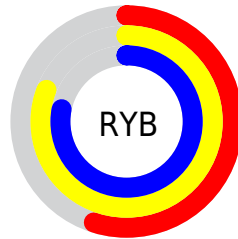
The Android color `4287745675` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4291333070`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4291362753`, and `4284258136` is the 20% darker color. If you saturate the color by 10%, you get `4286500470`, and if you desaturate by 10%, it is `4288990880`.

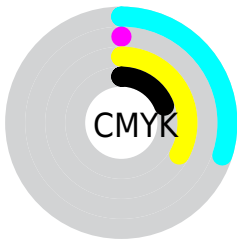
# Distribution



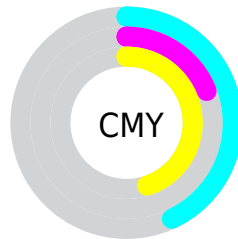
- Red (57%)
- Green (81%)
- Blue (55%)



- Red (55%)
- Yellow (81%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (33%)
- Black (19%)



- Cyan (43%)
- Magenta (19%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287745675 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 4287745675 by changing the saturation by 10% instead.





4287745675



4287745675

4294967295



4285969009



4291362753



4284258136



4293263325



4282547520



4294967290



4280837161



4278864658



4278203392



4278198528



4278190080



4287745675



4287745675

 4286500470

 4288990880

 4285255266


 4290236084

 4284075597

 4291415753

 4282830393

 4292660957

 4281585188

 4293906162

 4280339983

 4294954751

 4279422464

# Harmonies

## Analogous

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



4290692468



4287745675



4284273584

# Triad

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



4287745675



4285384703



4294943142

# Complementary

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



4287745675



4291333070

# 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.



4294943182



4287745675



4289772287

# Square

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



4287745675



4279685370



4293110770



4294945412

# Rectangle

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



4287745675



4281455819



4293110770



4294942899

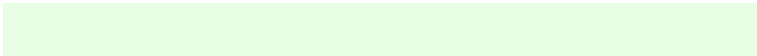


# Sweetspot

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



4287745675



4293459942



4291741579



4285694064



4278190080



4286611584

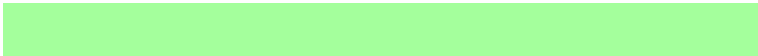


# Same Dimension

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



4287745675



4289003420



4287352486



4284311132



4279215616



4278396416



# Inverse Universe

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



4291333070



4294352127



4291726259



4284832870



4288086182



4280483878



# Previews

## White Background



This preview shows how the Android color 4287745675 looks on a white background.

## Color Contrast Check

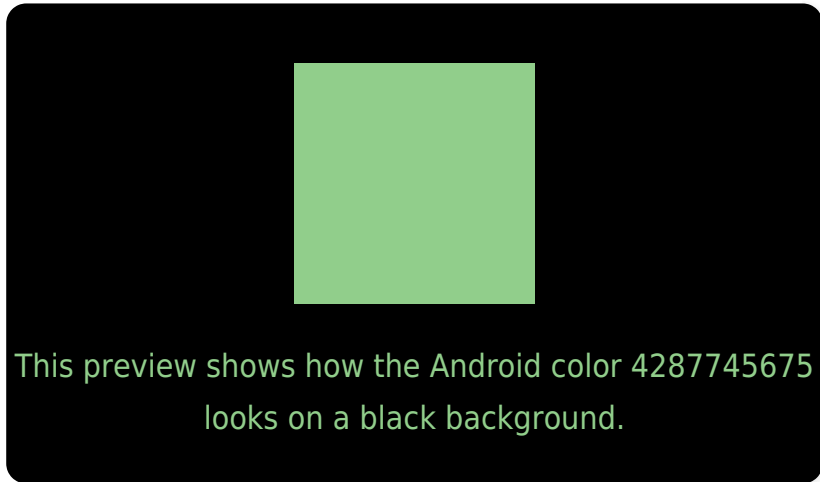
Large Text (above 18pt) WCAG AA × Fail

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 4287745675 Background



This preview shows how black text looks on a background with the Android color 4287745675.

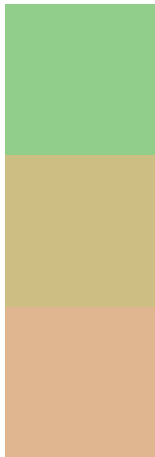


This preview shows how white text looks on a background with the Android color 4287745675.

# 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**  
4287745675

**Protanopia**  
4291673732

**Deuteranopia**  
4292916880



# Trichromacy



**Original Color**  
4287745675



**Protanomaly**  
4290233479



**Deuteranomaly**  
4291018638



**Tritanomaly**  
4288268474

# Monochromacy



**Original Color**  
4287745675



**Achromatopsia**  
4290032820



**Achromatomaly**  
4289183141

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287745675 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(145, 206, 139)` looks like.

```
.text, #text, p{  
    color:rgb(145, 206, 139)  
}
```

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(145, 206, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 206, 139) }
```

## Border

The CSS property to change the border of an element to Android 4287745675 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(145, 206, 139) }
```

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

```
.border{ border-color:rgb(145, 206, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 206, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 206, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 206, 139);  
box-shadow:4px 4px 4px 4px rgb(145, 206,  
139) }
```

# Background

The CSS property to change the background color of an element to Android 4287745675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 206, 139) }
```

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

```
.background{ background-color: rgb(145,  
206, 139) }
```

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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