

Converting Colors

Android(4287093145)

Have a look what the booklet for
Android(4287093145) contains.

Android(4287093145)	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(4287093145)

Conversions

Conversions Part 1

Format	Color
Hex	87D999
RGB	135, 217, 153
RGB Percent	53%, 85%, 60%
CMY	0.4706, 0.1490, 0.4000
CMYK	0.38, 0.00, 0.29, 0.15
HSL	133°, 52%, 69%
HSV	133°, 38%, 85%
XYZ	40.5543, 57.0765, 39.0164
YIQ	185.1860, -28.3280, -37.2880

Conversions

Conversions Part 2

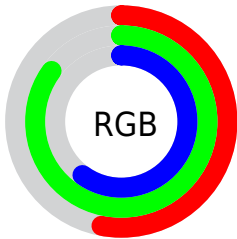
Format	Color
RYB	135, 202, 217
Decimal	8903065
CIELab	80.22, -38.34, 23.85
CIElCh	80, 45.146, 148.118
Yxy	57.0765, 0.2968, 0.4177
Android (android.graphics.Color)	4287093145 (0xFF87D999)
YUV	185.1860, -15.8677, -44.0131
Hunter-Lab	75.5490, -36.3929, 22.2647

Details

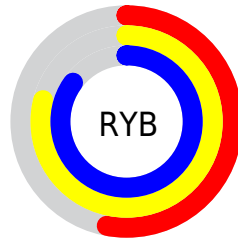
The Android color `4287093145` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4292446151`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4290772944`, and `4283540070` is the 20% darker color. If you saturate the color by 10%, you get `4285651336`, and if you desaturate by 10%, it is `4288534954`.

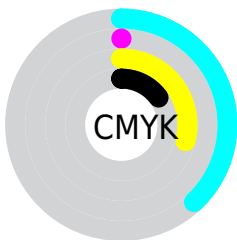
Distribution



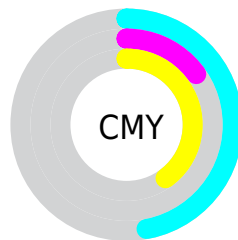
- Red (53%)
- Green (85%)
- Blue (60%)



- Red (53%)
- Yellow (79%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287093145 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 4287093145 by changing the saturation by 10% instead.

 4287093145	 4287093145
4294967295	 4285316479
 4290772944	 4283540070
 4292673516	 4281698125
 4294574079	 4279594294
	 4278211615
	 4278205449
	 4278200064
	 4278190592
	 4278190080

 4287093145

 4287093145


 4285651336

 4288534954

 4284275063

 4289911227

 4282833254

 4291353036

 4281391445

 4292794845

 4279949636

 4294236654

 4278573363

 4294957567

 4278245680

Harmonies

Analogous

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



4290367611



4287093145



4282965443

Triad

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



4287093145



4286762239



4294945185

Complementary

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



4287093145



4292446151

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.



4294944459



4287093145



4291345919

Square

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



4287093145



4280473599



4294553332



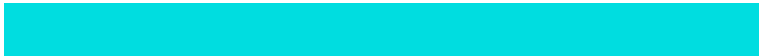
4294948225

Rectangle

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



4287093145



4278246880



4294553332



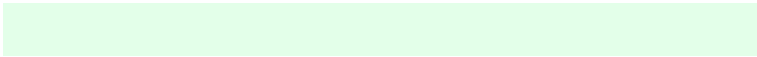
4294944687

Sweetspot

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



4287093145



4293132265



4291287431



4285497459



4278190080



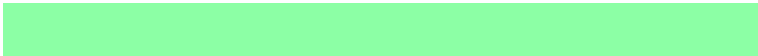
4286611584

Same Dimension

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



4287093145



4287430565



4287093186



4284706405



4278234406



4278201866

Inverse Universe

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



4292446151



4294937830



4292446110



4285424491



4289527943



4281204772

Previews

White Background



This preview shows how the Android color 4287093145 looks on a white background.

Color Contrast Check

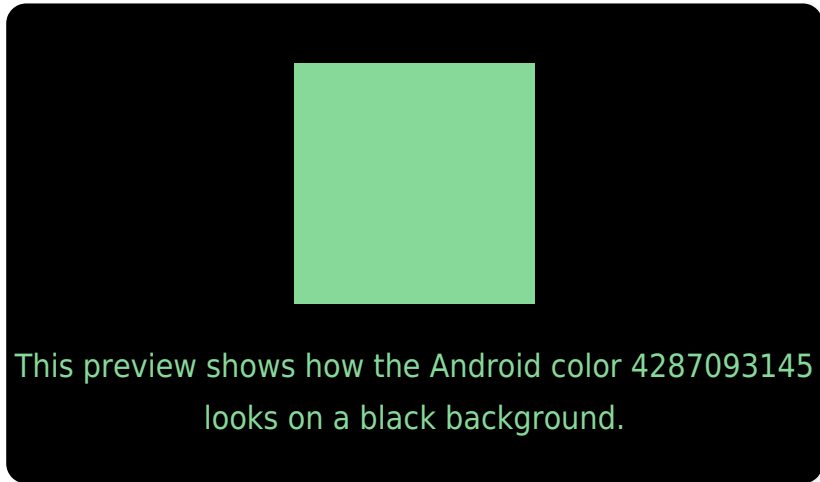
Large Text (above 18pt) WCAG AA × Fail

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

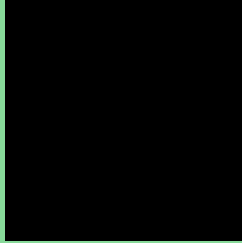
Any Text WCAG AA ✓ Pass

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 4287093145 Background



This preview shows how black text looks on a background with the Android color 4287093145.



This preview shows how white text looks on a background with the Android color 4287093145.

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



Trichromacy



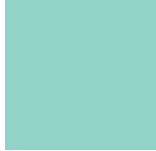
Original Color
4287093145



Protanomaly
4290366867



Deuteranomaly
4291020957



Tritanomaly
4287747015

Monochromacy



Original Color
4287093145



Achromatopsia
4290361785



Achromatomaly
4289185197

CSS Examples

Text

The CSS property to change the color of the text to Android 4287093145 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(135, 217, 153)` looks like.

```
.text, #text, p{  
    color:rgb(135, 217, 153)  
}
```

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(135, 217, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 217, 153) }
```

Border

The CSS property to change the border of an element to Android 4287093145 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(135, 217, 153) }
```

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

```
.border{ border-color:rgb(135, 217, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 217, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 217, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 217, 153);  
box-shadow:4px 4px 4px 4px rgb(135, 217,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4287093145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 217, 153) }
```

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

```
.background{ background-color: rgb(135,  
217, 153) }
```

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