

Converting Colors

Android(4287946695)

Have a look what the booklet for
Android(4287946695) contains.

Android(4287946695)	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(4287946695)

Conversions

Conversions Part 1

Format	Color
Hex	94DFC7
RGB	148, 223, 199
RGB Percent	58%, 87%, 78%
CMY	0.4196, 0.1255, 0.2196
CMYK	0.34, 0.00, 0.11, 0.13
HSL	161°, 54%, 73%
HSV	161°, 34%, 87%
XYZ	48.9092, 63.1948, 63.6529
YIQ	197.8390, -36.9960, -23.3640

Conversions

Conversions Part 2

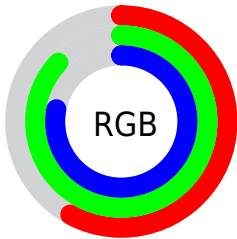
Format	Color
RYB	148, 193, 223
Decimal	9756615
CIELab	83.54, -28.40, 4.40
CIELCh	84, 28.740, 171.197
Yxy	63.1948, 0.2783, 0.3596
Android (android.graphics.Color)	4287946695 (0xFF94DFC7)
YUV	197.8390, 0.5724, -43.7088
Hunter-Lab	79.4951, -29.2947, 8.1723

Details

The Android color `4287946695` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292842668`, and the grayscale version is `4291217094`.

A 20% lighter version of the original color is `4291624959`, and `4284393361` is the 20% darker color. If you saturate the color by 10%, you get `4286504896`, and if you desaturate by 10%, it is `4289388494`.

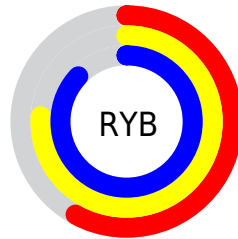
Distribution



Red (58%)

Green (87%)

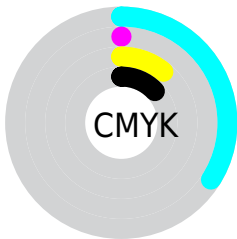
Blue (78%)



Red (58%)

Yellow (76%)

Blue (87%)

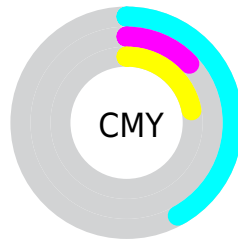


Cyan (34%)

Magenta (0%)

Yellow (11%)

Black (13%)



Cyan (42%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287946695 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 4287946695 by changing the saturation by 10% instead.



4287946695



4287946695

4294967295



4286170028



4291624959



4284393361



4293525503



4282617208



4280775519



4278344263



4278207025



4278201116



4278195458



4278190080

 4287946695

 4287946695

 4286504896

 4289388494

 4284997561

 4290895829

 4283555762

 4292337628

 4282113962

 4293779428

 4280606627

 4294959083

 4279164828

 4294959090

 4278247320

 4294959097

 4294959103

Harmonies

Analogous

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



4289846190



4287946695



4286767075

Triad

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



4287946695



4291480831



4294951847

Complementary

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



4287946695



4292842668

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.



4294950334



4287946695



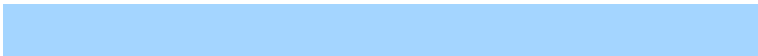
4293641202

Square

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



4287946695



4288992767



4294950361



4293708955

Rectangle

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



4287946695



4286832115



4294950361



4294951342

Sweetspot

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



4287946695



4293328887



4289585044



4285563003



4278190080



4286611584

Same Dimension

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



4287946695



4288282590



4287943647



4284837997



4278235256



4278202401

Inverse Universe

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



4292842668



4294941114



4292845972



4285556073



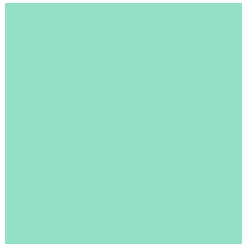
4289724472



4281335824

Previews

White Background



This preview shows how the Android color 4287946695 looks on a white background.

Color Contrast Check

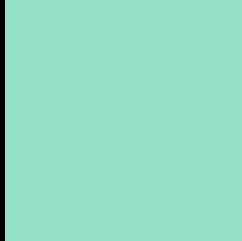
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4287946695 looks on a 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 4287946695 Background



This preview shows how black text looks on a background with the Android color 4287946695.

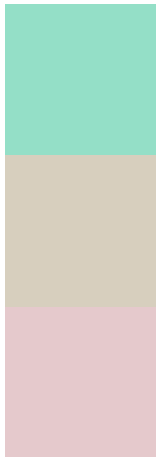


This preview shows how white text looks on a background with the Android color 4287946695.

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
4287946695

Protanopia
4292333502

Deuteranopia
4293249484

Trichromacy



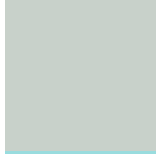
Original Color

4287946695



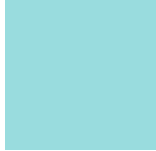
Protanomaly

4290762177



Deuteranomaly

4291350986



Tritanomaly

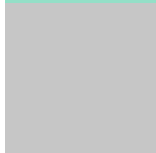
4288273630

Monochromacy



Original Color

4287946695



Achromatopsia

4291217094



Achromatomaly

4290039750

CSS Examples

Text

The CSS property to change the color of the text to Android 4287946695 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(148, 223, 199)` looks like.

```
.text, #text, p{  
    color:rgb(148, 223, 199)  
}
```

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(148, 223, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 223, 199) }
```

Border

The CSS property to change the border of an element to Android 4287946695 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(148, 223, 199) }
```

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

```
.border{ border-color:rgb(148, 223, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 223, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 223, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 223, 199); box-shadow:4px 4px 4px 4px rgb(148, 223, 199) }
```

Background

The CSS property to change the background color of an element to Android 4287946695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 223, 199) }
```

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

```
.background{ background-color: rgb(148,  
223, 199) }
```

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