

# Converting Colors

Android(4287028120)

Have a look what the booklet for  
Android(4287028120) contains.

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# **Color**

**Android(4287028120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86DB98
RGB	134, 219, 152
RGB Percent	53%, 86%, 60%
CMY	0.4745, 0.1412, 0.4039
CMYK	0.39, 0.00, 0.31, 0.14
HSL	133°, 54%, 69%
HSV	133°, 39%, 86%
XYZ	40.8305, 57.9984, 38.7486
YIQ	185.9470, -29.1530, -38.8570

# Conversions

## Conversions Part 2

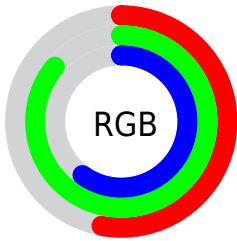
Format	Color
<a href="#">RYB</a>	<a href="#">134, 204, 219</a>
Decimal	<a href="#">8838040</a>
CIELab	<a href="#">80.74, -39.70, 25.06</a>
CIElCh	<a href="#">81, 46.951, 147.741</a>
Yxy	<a href="#">57.9984, 0.2968, 0.4216</a>
Android (android.graphics.Color)	<a href="#">4287028120 (0xFF86DB98)</a>
YUV	<a href="#">185.9470, -16.7359, -45.5575</a>
Hunter-Lab	<a href="#">76.1567, -37.5734, 23.1429</a>

# Details

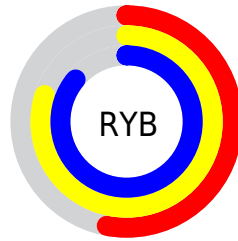
The Android color `4287028120` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4292576969`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4290707407`, and `4283409253` is the 20% darker color. If you saturate the color by 10%, you get `4285586311`, and if you desaturate by 10%, it is `4288469929`.

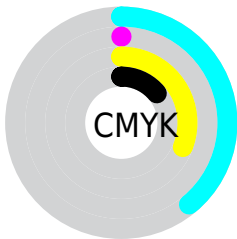
# Distribution



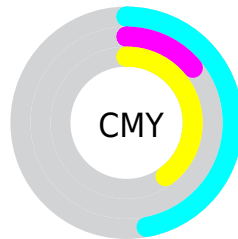
- Red (53%)
- Green (86%)
- Blue (60%)



- Red (53%)
- Yellow (80%)
- Blue (86%)



- Cyan (39%)
- Magenta (0%)
- Yellow (31%)
- Black (14%)



- Cyan (47%)
- Magenta (14%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287028120 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 4287028120 by changing the saturation by 10% instead.



 4287028120

 4287028120


4294967295

 4285251454

 4290707407

 4283409253

 4292607979

 4281567564

 4294508543

 4279332661

 4278212126

 4278205959

 4278200320

 4278191360

 4278190080

 4287028120

 4287028120

 4285586311

 4288469929

 4284144501

 4289911739

 4282702692

 4291353548

 4281260883

 4292795357

 4279884610

 4294237166

 4278442800

 4294958079

 4278246190

# Harmonies

## Analogous

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



4290499193



4287028120



4282507203

# Triad

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



4287028120



4286500607



4294945186

# Complementary

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



4287028120



4292576969

# 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.



4294944462



4287028120



4291346175

# Square

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



4287028120



4278245887



4294750200



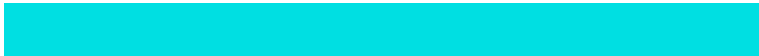
4294948223

# Rectangle

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



4287028120



4278247394



4294750200



4294944432

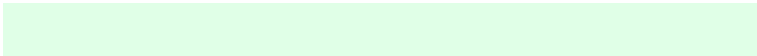


# Sweetspot

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



4287028120



4292935655



4291484550



4285431921



4278190080



4286611584



# Same Dimension

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



4287028120



4287102881



4287028162



4284706405



4278234405



4278201866



# Inverse Universe

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



4292576969



4294936550



4292576928



4285424491



4289527945

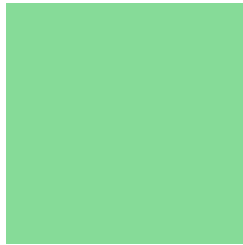


4281204772



# Previews

## White Background



This preview shows how the Android color 4287028120 looks on a white background.

## Color Contrast Check

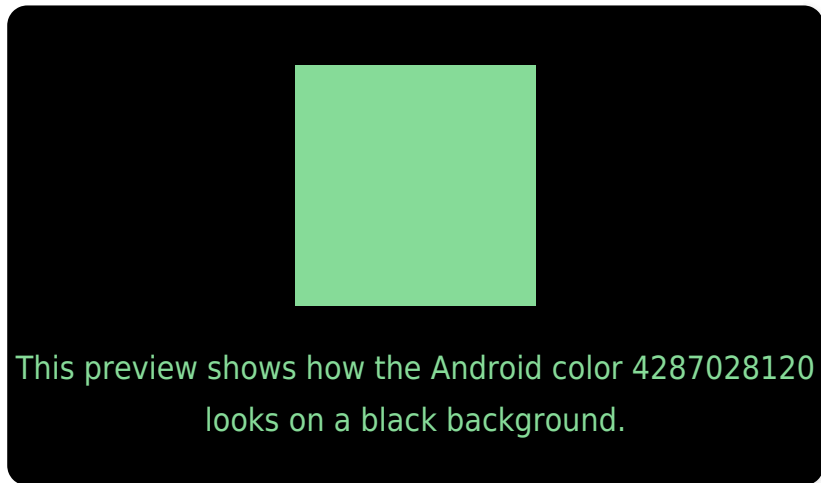
Large Text (above 18pt) WCAG AA × Fail

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

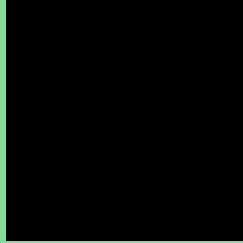
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4287028120 Background



This preview shows how black text looks on a background with the Android color 4287028120.

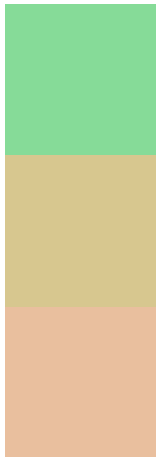


This preview shows how white text looks on a background with the Android color 4287028120.

# 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**  
4287028120

**Protanopia**  
4292331407

**Deuteranopia**  
4293509022



# Trichromacy



**Original Color**

4287028120



**Protanomaly**

4290432658



**Deuteranomaly**

4291152284



**Tritanomaly**

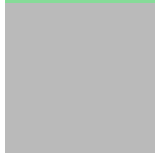
4287681991

# Monochromacy



**Original Color**

4287028120



**Achromatopsia**

4290427578



**Achromatomaly**

4289185454

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287028120 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(134, 219, 152)` looks like.

```
.text, #text, p{  
    color:rgb(134, 219, 152)  
}
```

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(134, 219, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 219, 152) }
```

## Border

The CSS property to change the border of an element to Android 4287028120 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(134, 219, 152) }
```

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

```
.border{ border-color:rgb(134, 219, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 219, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 219, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 219, 152);  
box-shadow:4px 4px 4px 4px rgb(134, 219,  
152) }
```

# Background

The CSS property to change the background color of an element to Android 4287028120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 219, 152) }
```

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

```
.background{ background-color: rgb(134,  
219, 152) }
```

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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