

# Converting Colors

Android(4286051220)

Have a look what the booklet for  
Android(4286051220) contains.

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# Color

**Android(4286051220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77F394
RGB	119, 243, 148
RGB Percent	47%, 95%, 58%
CMY	0.5333, 0.0471, 0.4196
CMYK	0.51, 0.00, 0.39, 0.05
HSL	134°, 84%, 71%
HSV	134°, 51%, 95%
XYZ	45.0036, 70.1612, 39.1875
YIQ	195.0940, -43.4090, -55.8330

# Conversions

## Conversions Part 2

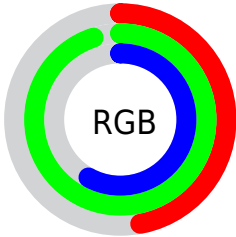
Format	Color
<a href="#">RYB</a>	<a href="#">119, 219, 243</a>
Decimal	<a href="#">7861140</a>
CIELab	<a href="#">87.08, -54.58, 35.45</a>
CIElCh	<a href="#">87, 65.088, 146.995</a>
Yxy	<a href="#">70.1612, 0.2916, 0.4546</a>
Android (android.graphics.Color)	<a href="#">4286051220 (0xFF77F394)</a>
YUV	<a href="#">195.0940, -23.2173, -66.7344</a>
Hunter-Lab	<a href="#">83.7623, -50.6799, 30.8953</a>

# Details

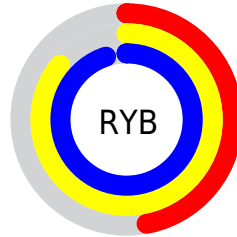
The Android color `4286051220` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4294146006`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4289920971`, and `4281907808` is the 20% darker color. If you saturate the color by 10%, you get `4284478337`, and if you desaturate by 10%, it is `4287624103`.

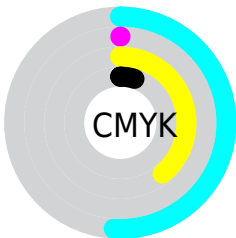
# Distribution



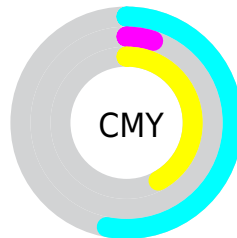
- Red (47%)
- Green (95%)
- Blue (58%)



- Red (47%)
- Yellow (86%)
- Blue (95%)



- Cyan (51%)
- Magenta (0%)
- Yellow (39%)
- Black (5%)



- Cyan (53%)
- Magenta (5%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286051220 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 4286051220 by changing the saturation by 10% instead.



 4286051220

 4286051220

4294967295

 4284077690

 4289920971

 4281907808

 4291887079

 4278296135

 4293853183

 4278223663

 4278216982

 4278210560

 4278204416

 4278198272

 4278190080

 4286051220

 4286051220

 4284478337

 4287624103

 4282839919

 4289262521

 4281267036

 4290835404

 4279694154

 4292408286

 4278252345

 4293981169

 4294964223

# Harmonies

## Analogous

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



4291225446



4286051220



4278254034

# Triad

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



4286051220



4282901503



4294945445

# Complementary

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



4286051220



4294146006

# 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.



4294944227



4286051220



4292070655

# Square

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



4286051220



4278252031



4294948095



4294950515

# Rectangle

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



4286051220



4278254076



4294948095



4294944441

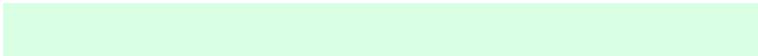


# Sweetspot

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



4286051220



4292476898



4292277111



4285104238



4278190080



4286611584



# Same Dimension

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



4286051220



4284743560



4286051282



4285430385



4278237740



4278205198



# Inverse Universe

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



4294146006



4294927323



4294145944



4286213752



4290379919

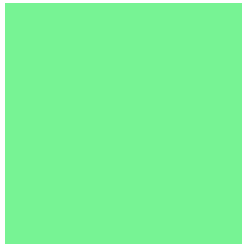


4282056749



# Previews

## White Background



This preview shows how the Android color 4286051220 looks on a white background.

## Color Contrast Check

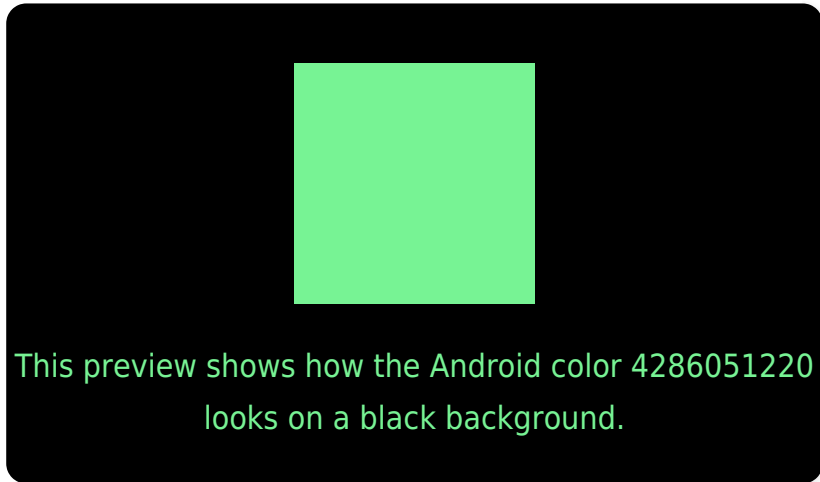
Large Text (above 18pt) WCAG AA × Fail

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 4286051220 Background



This preview shows how black text looks on a background with the Android color 4286051220.

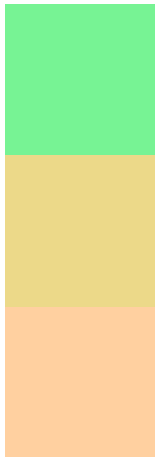


This preview shows how white text looks on a background with the Android color 4286051220.

# 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**  
4286051220

**Protanopia**  
4293712265

**Deuteranopia**  
4294955168



# Trichromacy



**Original Color**

4286051220



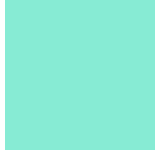
**Protanomaly**

4290896525



**Deuteranomaly**

4291747228



**Tritanomaly**

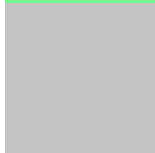
4287097812

# Monochromacy



**Original Color**

4286051220



**Achromatopsia**

4291019715



**Achromatomaly**

4289189042

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286051220 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(119, 243, 148)` looks like.

```
.text, #text, p{  
    color:rgb(119, 243, 148)  
}
```

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(119, 243, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 243, 148) }
```

## Border

The CSS property to change the border of an element to Android 4286051220 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(119, 243, 148) }
```

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

```
.border{ border-color:rgb(119, 243, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 243, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 243, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 243, 148); box-shadow:4px 4px 4px 4px rgb(119, 243, 148) }
```

# Background

The CSS property to change the background color of an element to Android 4286051220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 243, 148) }
```

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

```
.background{ background-color: rgb(119,  
243, 148) }
```

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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