

# Converting Colors

Android(4288280555)

Have a look what the booklet for  
Android(4288280555) contains.

<b>Android(4288280555)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4288280555)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99F7EB
RGB	153, 247, 235
RGB Percent	60%, 97%, 92%
CMY	0.4000, 0.0314, 0.0784
CMYK	0.38, 0.00, 0.05, 0.03
HSL	172°, 85%, 78%
HSV	172°, 38%, 97%
XYZ	61.3930, 79.2920, 90.6664
YIQ	217.5260, -52.1720, -23.6600

# Conversions

## Conversions Part 2

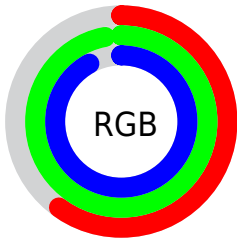
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 203, 247
Decimal	10090475
CIE Lab	91.37, -30.57, -3.04
CIE LCh	91, 30.725, 185.688
Yxy	79.2920, 0.2654, 0.3427
Android (android.graphics.Color)	4288280555 (0xFF99F7EB)
YUV	217.5260, 8.6147, -56.5893
Hunter-Lab	89.0461, -32.7633, 1.9634

# Details

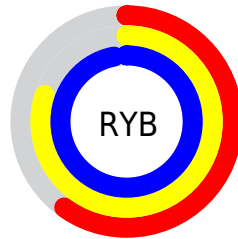
The Android color `4288280555` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4294416805`, and the grayscale version is `4292467161`.

A 20% lighter version of the original color is `4292083711`, and `4284530355` is the 20% darker color. If you saturate the color by 10%, you get `4286642152`, and if you desaturate by 10%, it is `4289918958`.

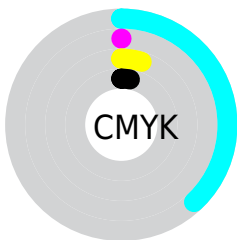
# Distribution



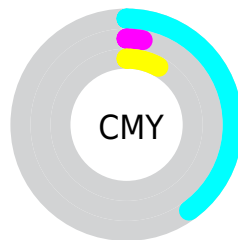
- Red (60%)
- Green (97%)
- Blue (92%)



- Red (60%)
- Yellow (80%)
- Blue (97%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)



- Cyan (40%)
- Magenta (3%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288280555 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 4288280555 by changing the saturation by 10% instead.





4288280555



4288280555

4294967295



4286438095



4292083711



4284530355



4293984255



4282622873



4280453247



4278218598



4278212174



4278206007



4278200354



4278192652

 4288280555

 4288280555

 4286642152


 4289918958

 4285069285

 4291491825

 4283430882

 4293130228

 4281792478

 4294768632

 4280154075

 4294965243

 4278581208

 4294965246

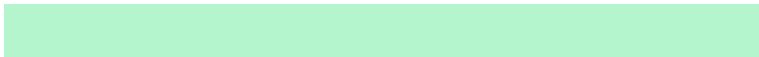
 4278253527

 4294965247

# Harmonies

## Analogous

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



4290049485



4288280555



4287755775

# Triad

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



4288280555



4294106623



4294958257

# Complementary

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



4288280555



4294416805

# 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.



4294956229



4288280555



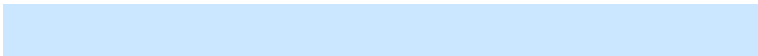
4294956287

# Square

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



4288280555



4291487743



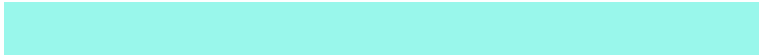
4294955490



4294370988

# Rectangle

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



4288280555



4288410367



4294955490

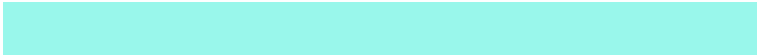


4294957495



# Sweetspot

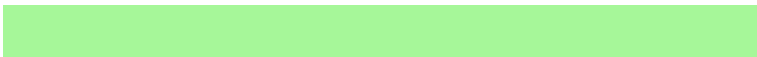
The Sweet Spot groups the original color and five complimentary colors.



4288280555



4293132283



4289132441



4285497469



4278190080



4286611584

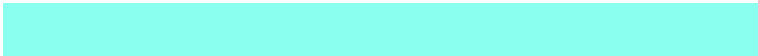


# Same Dimension

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



4288280555



4287299568



4288271863



4285430393



4278237858



4278205235



# Inverse Universe

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



4294416805



4294937241



4294425497



4286213744



4290379800

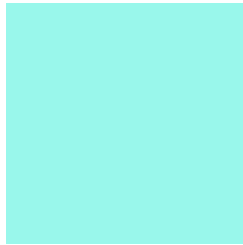


4282056711



# Previews

## White Background



This preview shows how the Android color 4288280555 looks on a white background.

## Color Contrast Check

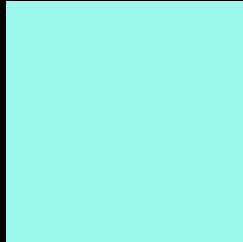
Large Text (above 18pt) WCAG AA × Fail

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 4288280555 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 4288280555 Background



This preview shows how black text looks on a background with the Android color 4288280555.




This preview shows how white text looks on a background with the Android color 4288280555.

# 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





**Tritanopia**  
4289982719

# Trichromacy



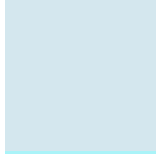
**Original Color**

4288280555



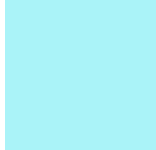
**Protanomaly**

4291685348



**Deuteranomaly**

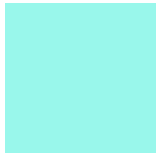
4292143086



**Tritanomaly**

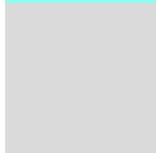
4289393656

# Monochromacy



**Original Color**

4288280555



**Achromatopsia**

4292532954



**Achromatomaly**

4290962912

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288280555 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(153, 247, 235)` looks like.

```
.text, #text, p{  
    color:rgb(153, 247, 235)  
}
```

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(153, 247, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 247, 235) }
```

## Border

The CSS property to change the border of an element to Android 4288280555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

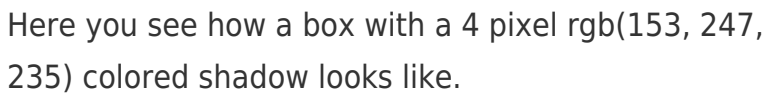
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 247, 235) }
```

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

```
.border{ border-color:rgb(153, 247, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 247, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 247, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 247, 235); box-shadow:4px 4px 4px 4px rgb(153, 247, 235) }
```

# Background

The CSS property to change the background color of an element to Android 4288280555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 247, 235) }
```

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

```
.background{ background-color: rgb(153,  
247, 235) }
```

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