

# Converting Colors

Android(4288080127)

Have a look what the booklet for  
Android(4288080127) contains.

<b>Android(4288080127)</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(4288080127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96E8FF
RGB	150, 232, 255
RGB Percent	59%, 91%, 100%
CMY	0.4118, 0.0902, 0.0000
CMYK	0.41, 0.09, 0.00, 0.00
HSL	193°, 100%, 79%
HSV	193°, 41%, 100%
XYZ	59.4843, 71.4173, 105.2575
YIQ	210.1040, -56.2550, -10.2310

# Conversions

## Conversions Part 2

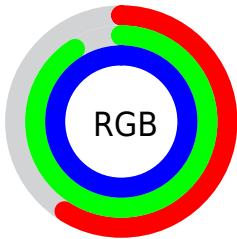
Format	Color
<a href="#">RYB</a>	<a href="#">150, 196, 255</a>
Decimal	<a href="#">9890047</a>
CIELab	<a href="#">87.69, -19.24, -18.98</a>
CIElCh	<a href="#">88, 27.031, 224.612</a>
Yxy	<a href="#">71.4173, 0.2519, 0.3024</a>
Android (android.graphics.Color)	<a href="#">4288080127</a> ( <a href="#">0xFF96E8FF</a> )
YUV	<a href="#">210.1040, 22.1337, -52.7112</a>
Hunter-Lab	<a href="#">84.5087, -22.2471, -14.6909</a>

# Details

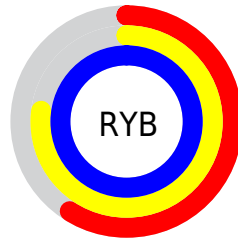
The Android color `4288080127` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4294946198`, and the grayscale version is `4292006610`.

A 20% lighter version of the original color is `4291887103`, and `4284330182` is the 20% darker color. If you saturate the color by 10%, you get `4286440191`, and if you desaturate by 10%, it is `4289785599`.

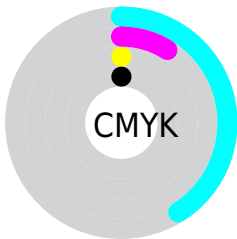
# Distribution



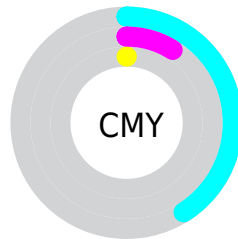
- Red (59%)
- Green (91%)
- Blue (100%)



- Red (59%)
- Yellow (77%)
- Blue (100%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288080127 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 4288080127 by changing the saturation by 10% instead.



 4288080127

 4288080127

4294967295

 4286172386

 4291887103

 4284330182

 4293853183

 4282357163

 4279925904

 4278215287

 4278209118

 4278203462

 4278198064

 4278190363

■ 4288080127

■ 4288080127

■ 4286440191

■ 4289785599

■ 4284734975

■ 4291425279

■ 4283095039

■ 4293130751

■ 4281389823

■ 4294770431

■ 4279749887

4294967295

■ 4278241279

# Harmonies

## Analogous

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



4288080872



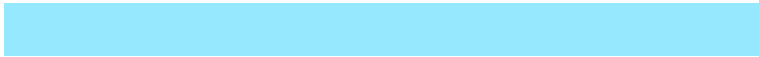
4288080127



4289520383

# Triad

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



4288080127



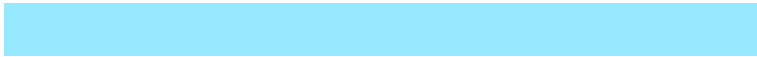
4294953962



4293058218

# Complementary

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



4288080127



4294946198

# 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.



4294694571



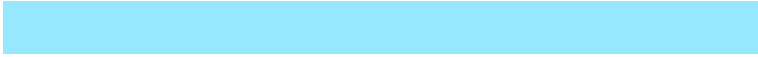
4288080127



4294953680

# Square

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



4288080127



4293972479



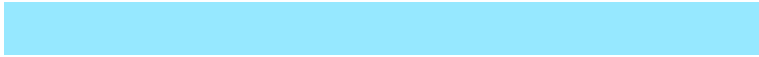
4294954681



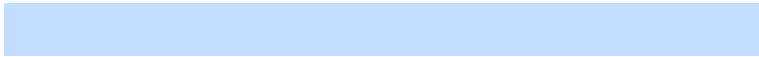
4291159479

# Rectangle

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



4288080127



4291026431



4294954681



4293647273

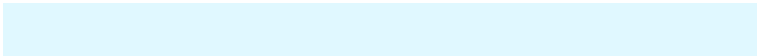


# Sweetspot

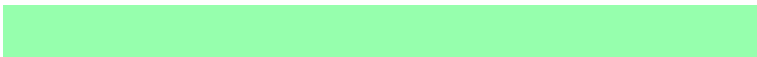
The Sweet Spot groups the original color and five complimentary colors.



4288080127



4292933887



4288085933



4285430912



4278190080

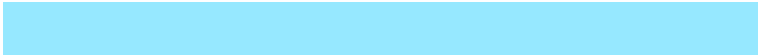


4286611584

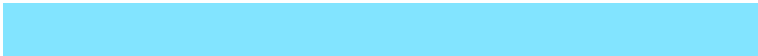


# Same Dimension

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



4288080127



4286768383



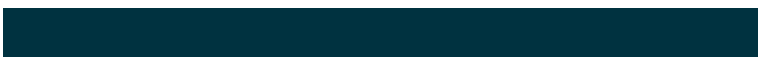
4288066815



4285758848



4278228415



4278202944



# Inverse Universe

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



4294940392



4294935268



4294959510



4286608253



4290707605

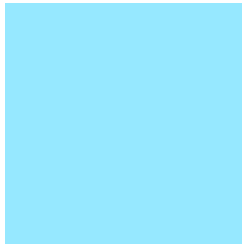


4282384434



# Previews

## White Background



This preview shows how the Android color 4288080127 looks on a white background.

## Color Contrast Check

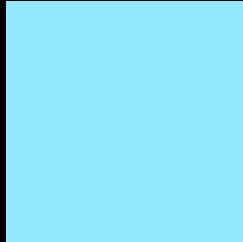
Large Text (above 18pt) WCAG AA × Fail

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 4288080127 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 4288080127 Background



This preview shows how black text looks on a background with the Android color 4288080127.



This preview shows how white text looks on a background with the Android color 4288080127.

# 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



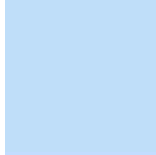


**Tritanopia**  
4288014843

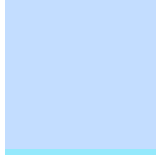
# Trichromacy



**Original Color**  
4288080127



**Protanomaly**  
4290764537



**Deuteranomaly**  
4291026431

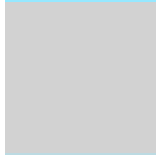


**Tritanomaly**  
4288014844

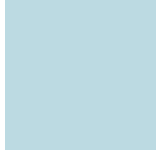
# Monochromacy



**Original Color**  
4288080127



**Achromatopsia**  
4292006610



**Achromatomaly**  
4290566882

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288080127 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(150, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 232, 255)  
}
```

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(150, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 232, 255) }
```

## Border

The CSS property to change the border of an element to Android 4288080127 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(150, 232, 255) }
```

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

```
.border{ border-color:rgb(150, 232, 255) }
```

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

Here you see how a box with a 4 pixel rgb(150, 232, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 232,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4288080127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 232, 255) }
```

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

```
.background{ background-color: rgb(150,  
232, 255) }
```

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