

# Converting Colors

Android(4287365100)

Have a look what the booklet for  
Android(4287365100) contains.

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# **Color**

**Android(4287365100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BFFEC
RGB	139, 255, 236
RGB Percent	55%, 100%, 93%
CMY	0.4549, 0.0000, 0.0745
CMYK	0.45, 0.00, 0.07, 0.00
HSL	170°, 100%, 77%
HSV	170°, 45%, 100%
XYZ	61.5478, 83.0651, 92.1461
YIQ	218.1500, -63.0370, -30.5010

# Conversions

## Conversions Part 2

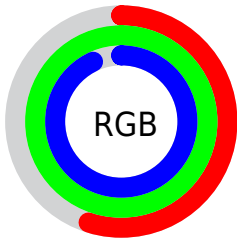
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 202, 255
Decimal	9175020
CIELab	93.04, -37.44, -1.17
CIELCh	93, 37.456, 181.793
Yxy	83.0651, 0.2600, 0.3508
Android (android.graphics.Color)	4287365100 (0xFF8BFEC)
YUV	218.1500, 8.8000, -69.4146
Hunter-Lab	91.1401, -38.9523, 3.8535

# Details

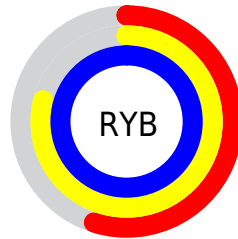
The Android color `4287365100` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4294937502`, and the grayscale version is `4292532954`.

A 20% lighter version of the original color is `4291231743`, and `4283418292` is the 20% darker color. If you saturate the color by 10%, you get `4285726696`, and if you desaturate by 10%, it is `4289003504`.

# Distribution



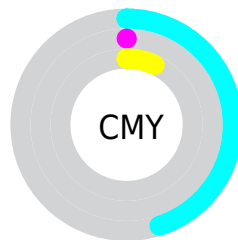
- Red (55%)
- Green (100%)
- Blue (93%)



- Red (55%)
- Yellow (79%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287365100 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 4287365100 by changing the saturation by 10% instead.



 4287365100

 4287365100

4294967295

 4285391568

 4291231743

 4283418292

 4293197823

 4281117338

 4278226816

 4278220135

 4278213711

 4278207288

 4278201635

 4278194957

 4287365100

 4287365100

 4285726696

 4289003504

 4284022756

 4290707444

 4282318815

 4292411385

 4280680411

 4294049789

 4278976471

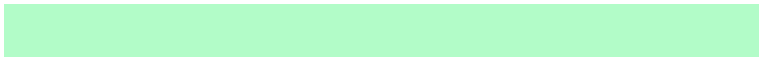
4294967295

 4278255573

# Harmonies

## Analogous

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



4289920200



4287365100



4286119679

# Triad

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



4287365100



4294173183



4294958509

# Complementary

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



4287365100



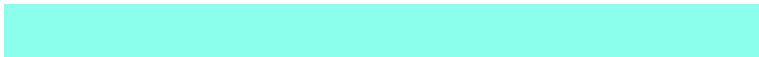
4294937502

# 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.



4294955975



4287365100



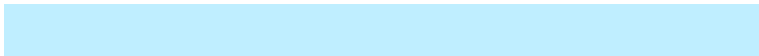
4294956799

# Square

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



4287365100



4290768639



4294955242



4294961571

# Rectangle

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



4287365100



4286774015



4294955242

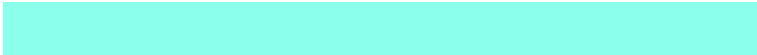


4294957492

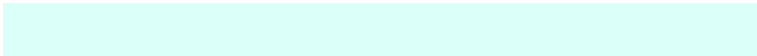


# Sweetspot

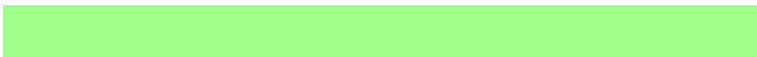
The Sweet Spot groups the original color and five complimentary colors.



4287365100



4292607993



4288610187



4285169788



4278190080

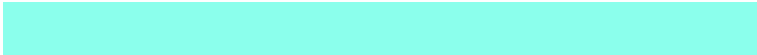


4286611584



# Same Dimension

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



4287365100



4285792232



4287355135



4285759613



4278239136



4278206517



# Inverse Universe

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



4294937502



4294931338



4294947467



4286608245



4290707487

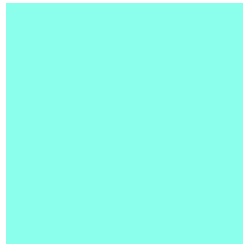


4282384394



# Previews

## White Background



This preview shows how the Android color 4287365100 looks on a white background.

## Color Contrast Check

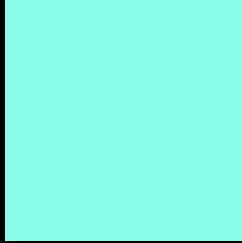
Large Text (above 18pt) WCAG AA × Fail

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 4287365100 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

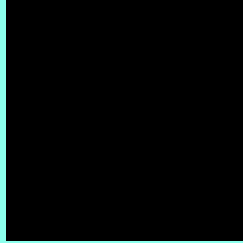
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

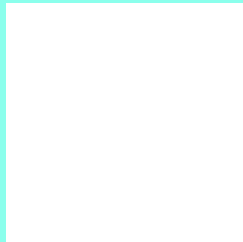
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287365100 Background



This preview shows how black text looks on a background with the Android color 4287365100.



This preview shows how white text looks on a background with the Android color 4287365100.

# 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**  
4290769919

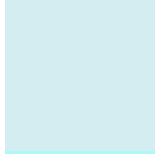
# Trichromacy



**Original Color**  
4287365100



**Protanomaly**  
4291555812

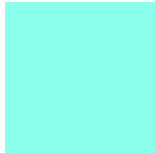


**Deuteranomaly**  
4292079088

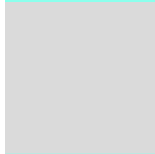


**Tritanomaly**  
4289525752

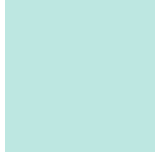
# Monochromacy



**Original Color**  
4287365100



**Achromatopsia**  
4292532954



**Achromatomaly**  
4290635745

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287365100 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(139, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(139, 255, 236)  
}
```

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(139, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 255, 236) }
```

## Border

The CSS property to change the border of an element to Android 4287365100 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(139, 255, 236) }
```

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

```
.border{ border-color:rgb(139, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(139, 255,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4287365100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 255, 236) }
```

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

```
.background{ background-color: rgb(139,  
255, 236) }
```

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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