

# Converting Colors

Android(4278255525)

Have a look what the booklet for  
Android(4278255525) contains.

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# **Color**

**Android(4278255525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FFA5
RGB	0, 255, 165
RGB Percent	0%, 100%, 65%
CMY	1.0000, 0.0000, 0.3529
CMYK	1.00, 0.00, 0.35, 0.00
HSL	159°, 100%, 50%
HSV	159°, 100%, 100%
XYZ	42.5515, 74.2366, 47.6837
YIQ	168.4950, -123.0900, -82.0500

# Conversions

## Conversions Part 2

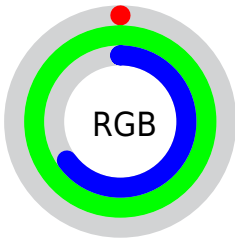
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 155, 255
Decimal	65445
CIELab	89.03, -70.24, 29.21
CIELCh	89, 76.069, 157.416
Yxy	74.2366, 0.2587, 0.4514
Android (android.graphics.Color)	4278255525 (0xFF00FFA5)
YUV	168.4950, -1.7230, -147.7701
Hunter-Lab	86.1607, -62.6267, 27.4997

# Details

The Android color `4278255525` is a dark color, and the websafe version is hex `00FF99`. The color can be described as middle saturated spring green. A complement of this color would be `4294901850`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4285792220`, and `4278240624` is the 20% darker color. If you saturate the color by 10%, you get `4278255525`, and if you desaturate by 10%, it is `4279893934`.

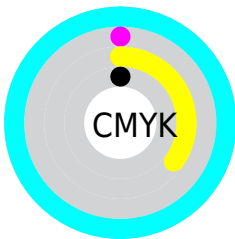
# Distribution



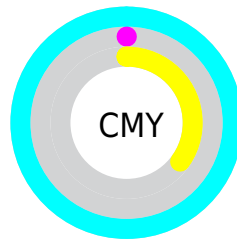
- Red (0%)
- Green (100%)
- Blue (65%)



- Red (0%)
- Yellow (61%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278255525 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 4278255525 by changing the saturation by 10% instead.



 4278255525	 4278255525
4294967295	 4278248074
 4285792220	 4278240624
 4288086009	 4278233175
 4290248703	 4278226239
 4292411391	 4278219304
 4294508543	 4278212368
	 4278206208
	 4278199552
	 4278190080

 4278255525

 4279893934

 4281597879

 4283301824

 4284940233

 4286644178

 4288282587

 4289986532

 4291624941

 4293328886

# Harmonies

## Analogous

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



4289328229



4278255525



4278255600

# Triad

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



4278255525



4285391615



4294945931

# Complementary

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



4278255525



4294901850

# 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.



4294942160



4278255525



4294690303

# Square

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



4278255525



4278253311



4294945023



4294953046

# Rectangle

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



4278255525



4278255615



4294945023



4294943905

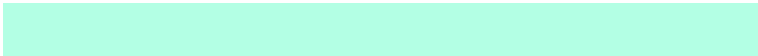


# Sweetspot

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



4278255525



4289986532



4284415744



4283596911



4278190080



4286611584

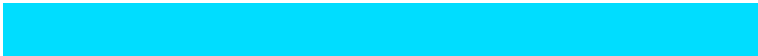


# Same Dimension

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



4278255525



4278246911



4285759611



4278239100



4278206505

# Inverse Universe

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



4294901850



4294910464



4286608247



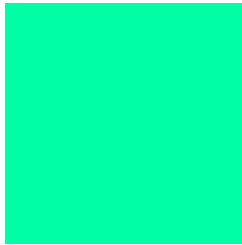
4290707524



4282384407

# Previews

## White Background



This preview shows how the Android color 4278255525 looks on a white background.

## Color Contrast Check

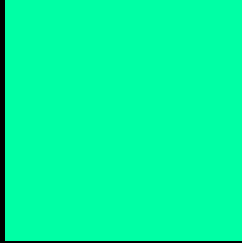
Large Text (above 18pt) WCAG AA × Fail

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 4278255525 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

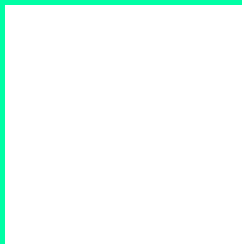
Any Text WCAG AAA ✓ Pass

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

# Android 4278255525 Background



This preview shows how black text looks on a background with the Android color 4278255525.

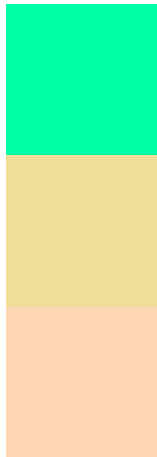


This preview shows how white text looks on a background with the Android color 4278255525.

# 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

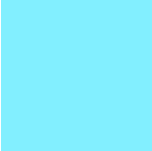


**Original Color**  
4278255525

**Protanopia**  
4293975447

**Deuteranopia**  
4294956724





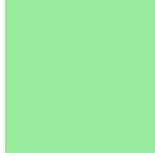
**Tritanopia**  
4286771199

# Trichromacy



**Original Color**

4278255525



**Protanomaly**

4288276892



**Deuteranomaly**

4288865711



**Tritanomaly**

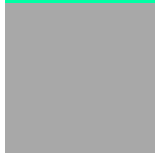
4283692510

# Monochromacy



**Original Color**

4278255525



**Achromatopsia**

4289243304



**Achromatomaly**

4285253799

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278255525 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(0, 255, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 165)  
}
```

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(0, 255, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 165) }
```

## Border

The CSS property to change the border of an element to Android 4278255525 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(0, 255, 165) }
```

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

```
.border{ border-color:rgb(0, 255, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
165) }
```

# Background

The CSS property to change the background color of an element to Android 4278255525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 165) }
```

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

```
.background{ background-color: rgb(0, 255,  
165) }
```

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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