

# Converting Colors

Android(4281597926)

Have a look what the booklet for  
Android(4281597926) contains.

<b>Android(4281597926)</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(4281597926)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FFE6
RGB	51, 255, 230
RGB Percent	20%, 100%, 90%
CMY	0.8000, 0.0000, 0.0980
CMYK	0.80, 0.00, 0.10, 0.00
HSL	173°, 100%, 60%
HSV	173°, 80%, 100%
XYZ	51.4082, 77.9370, 87.1968
YIQ	191.1540, -113.5590, -51.0230

# Conversions

## Conversions Part 2

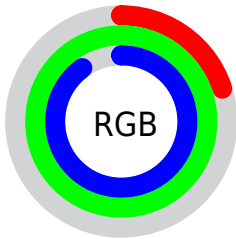
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 160, 255
Decimal	3407846
CIELab	90.75, -52.75, -1.67
CIELCh	91, 52.779, 181.818
Yxy	77.9370, 0.2374, 0.3599
Android (android.graphics.Color)	4281597926 (0xFF33FFE6)
YUV	191.1540, 19.1511, -122.9151
Hunter-Lab	88.2819, -50.5496, 3.2361

# Details

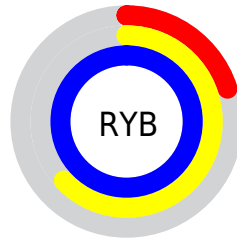
The Android color `4281597926` is a light color, and the websafe version is hex `00FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294914892`, and the grayscale version is `4290756543`.

A 20% lighter version of the original color is `4286971903`, and `4278240687` is the 20% darker color. If you saturate the color by 10%, you get `4279893987`, and if you desaturate by 10%, it is `4283301865`.

# Distribution



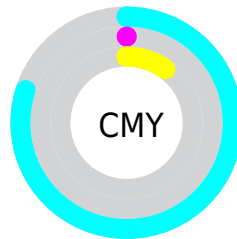
- Red (20%)
- Green (100%)
- Blue (90%)



- Red (20%)
- Yellow (63%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281597926 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 4281597926 by changing the saturation by 10% instead.



 4281597926

 4281597926

4294967295


 4278248138

 4286971903

 4278240687

 4289134591

 4278233492

 4291297279

 4278226554

 4293394431

 4278219874

 4278213194

 4278206771

 4278200862

 4278191367

■ 4281597926

■ 4281597926

■ 4279893987

■ 4283301865

■ 4278255584

■ 4284940268

■ 4286644207

■ 4288282611

■ 4289986550

■ 4291624953

■ 4293328892

4294967295

# Harmonies

## Analogous

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



4287560627



4281597926



4278255359

# Triad

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



4281597926



4293842687



4294955404

# Complementary

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



4281597926



4294914892

# 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.



4294951346



4281597926



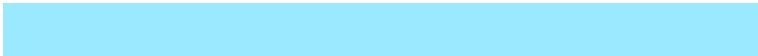
4294952447

# Square

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



4281597926



4288408063



4294950115



4294959998

# Rectangle

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



4281597926



4278254079



4294950115



4294953879

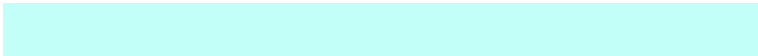


# Sweetspot

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



4281597926



4290969592



4283367219



4284186747



4278190080



4286611584



# Same Dimension

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



4281597926



4278910945



4281578751



4285759614



4278239144



4278206520



# Inverse Universe

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



4294914892



4294904360



4294934067



4286608244



4290707479

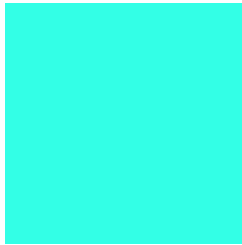


4282384392



# Previews

## White Background



This preview shows how the Android color 4281597926 looks on a white background.

## Color Contrast Check

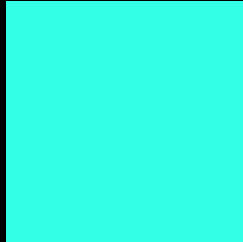
Large Text (above 18pt) WCAG AA × Fail

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 4281597926 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 4281597926 Background



This preview shows how black text looks on a background with the Android color 4281597926.

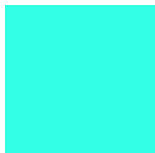


This preview shows how white text looks on a background with the Android color 4281597926.

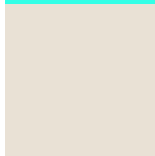
# Color Blindness Simulation

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](#).

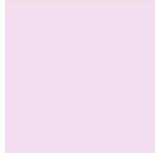
## Dichromacy



**Original Color**  
4281597926



**Protanopia**  
4293517781



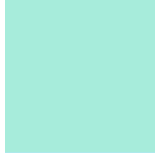
**Deuteranopia**  
4294171886



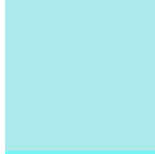
# Trichromacy



**Original Color**  
4281597926



**Protanomaly**  
4289195227



**Deuteranomaly**  
4289587691

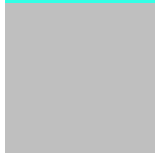


**Tritanomaly**  
4285855478

# Monochromacy



**Original Color**  
4281597926



**Achromatopsia**  
4290756543



**Achromatomaly**  
4287420109

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281597926 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(51, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 230)  
}
```

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(51, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 230) }
```

## Border

The CSS property to change the border of an element to Android 4281597926 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(51, 255, 230) }
```

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

```
.border{ border-color:rgb(51, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
230) }
```

# Background

The CSS property to change the background color of an element to Android 4281597926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 230) }
```

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

```
.background{ background-color: rgb(51, 255,  
230) }
```

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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