

# Converting Colors

Android(4284940283)

Have a look what the booklet for  
Android(4284940283) contains.

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# **Color**

**Android(4284940283)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66FFFB
RGB	102, 255, 251
RGB Percent	40%, 100%, 98%
CMY	0.6000, 0.0000, 0.0157
CMYK	0.60, 0.00, 0.02, 0.00
HSL	178°, 100%, 70%
HSV	178°, 60%, 100%
XYZ	58.6521, 81.3098, 103.8699
YIQ	208.7970, -89.9040, -33.6800

# Conversions

## Conversions Part 2

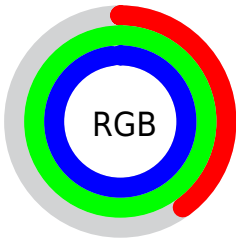
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">102, 180, 255</a>
Decimal	<a href="#">6750203</a>
CIELab	<a href="#">92.27, -41.00, -10.21</a>
CIELCh	<a href="#">92, 42.249, 193.986</a>
Yxy	<a href="#">81.3098, 0.2405, 0.3335</a>
Android (android.graphics.Color)	<a href="#">4284940283 (0xFF66FFFB)</a>
YUV	<a href="#">208.7970, 20.8061, -93.6610</a>
Hunter-Lab	<a href="#">90.1720, -41.6961, -5.1763</a>

# Details

The Android color `4284940283` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4294927978`, and the grayscale version is `4291940817`.

A 20% lighter version of the original color is `4289200127`, and `4278240963` is the 20% darker color. If you saturate the color by 10%, you get `4283301882`, and if you desaturate by 10%, it is `4286644220`.

# Distribution



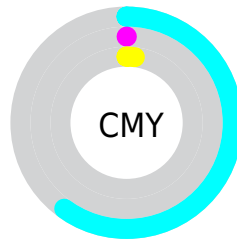
- Red (40%)
- Green (100%)
- Blue (98%)



- Red (40%)
- Yellow (71%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284940283 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 4284940283 by changing the saturation by 10% instead.



 4284940283

 4284940283

4294967295

 4282442462

 4289200127

 4278240963

 4291231743

 4278233767

 4293263359

 4278226829

 4278220148

 4278213467

 4278207300

 4278201389


 4278194201

 4284940283

 4284940283

 4283301882

 4286644220


 4281597946

 4288282620

 4279894009

 4289986557

 4278255608

 4291624958

 4293328894

4294967295

# Harmonies

## Analogous

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



4287888849



4284940283



4284415231

# Triad

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



4284940283



4294957311



4294959003

# Complementary

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



4284940283



4294927978

# 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.



4294955698



4284940283



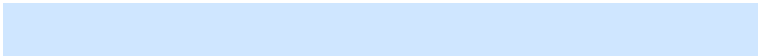
4294954495

# Square

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



4284940283



4291815167



4294953687



4294110361

# Rectangle

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



4284940283



4286314495



4294953687



4294957729



# Sweetspot

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



4284940283



4291952638



4285267814



4284711039



4278190080



4286611584



# Same Dimension

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



4284940283



4282908666



4284922111



4285759615



4278239162



4278206526



# Inverse Universe

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



4294927978



4294920012



4294946150



4286608243



4290707461

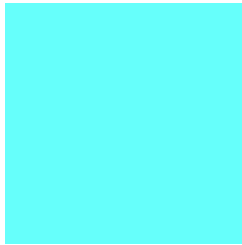


4282384386



# Previews

## White Background



This preview shows how the Android color 4284940283 looks on a white background.

## Color Contrast Check

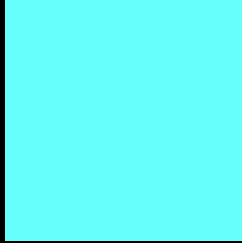
Large Text (above 18pt) WCAG AA × Fail

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 4284940283 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 4284940283 Background



This preview shows how black text looks on a background with the Android color 4284940283.

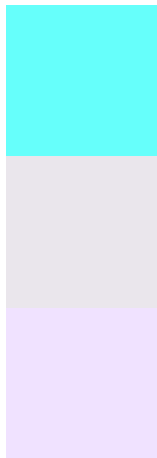


This preview shows how white text looks on a background with the Android color 4284940283.

# 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**  
4284940283

**Protanopia**  
4293584620

**Deuteranopia**  
4293976831

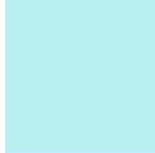


**Tritanopia**  
4289852415

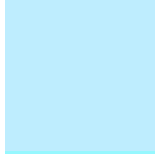
# Trichromacy



**Original Color**  
4284940283



**Protanomaly**  
4290441201



**Deuteranomaly**  
4290702846

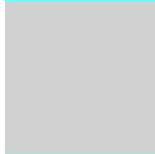


**Tritanomaly**  
4288083966

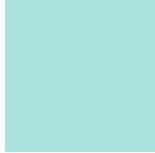
# Monochromacy



**Original Color**  
4284940283



**Achromatopsia**  
4291940817



**Achromatomaly**  
4289389280

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284940283 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(102, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 251)  
}
```

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(102, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 251) }
```

## Border

The CSS property to change the border of an element to Android 4284940283 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(102, 255, 251) }
```

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

```
.border{ border-color:rgb(102, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
251) }
```

# Background

The CSS property to change the background color of an element to Android 4284940283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 251) }
```

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

```
.background{ background-color: rgb(102,  
255, 251) }
```

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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