

# Converting Colors

Android(4284940264)

Have a look what the booklet for  
Android(4284940264) contains.

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# **Color**

**Android(4284940264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66FFE8
RGB	102, 255, 232
RGB Percent	40%, 100%, 91%
CMY	0.6000, 0.0000, 0.0902
CMYK	0.60, 0.00, 0.09, 0.00
HSL	171°, 100%, 70%
HSV	171°, 60%, 100%
XYZ	55.8050, 80.1710, 88.8772
YIQ	206.6310, -83.8050, -39.5890

# Conversions

## Conversions Part 2

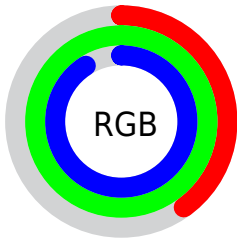
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 185, 255
Decimal	6750184
CIELab	91.76, -45.81, -1.12
CIELCh	92, 45.824, 181.397
Yxy	80.1710, 0.2482, 0.3565
Android (android.graphics.Color)	4284940264 (0xFF66FFE8)
YUV	206.6310, 12.5069, -91.7614
Hunter-Lab	89.5382, -45.4413, 3.8245

# Details

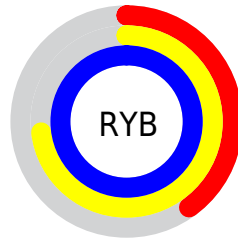
The Android color `4284940264` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4294927997`, and the grayscale version is `4291809231`.

A 20% lighter version of the original color is `4289134591`, and `4278240944` is the 20% darker color. If you saturate the color by 10%, you get `4283301860`, and if you desaturate by 10%, it is `4286644204`.

# Distribution



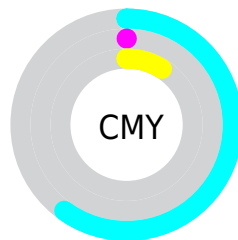
- Red (40%)
- Green (100%)
- Blue (91%)



- Red (40%)
- Yellow (73%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284940264 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 4284940264 by changing the saturation by 10% instead.



 4284940264

 4284940264

4294967295

 4282573516

 4289134591

 4278240944

 4291166207

 4278233750

 4293197823

 4278226812

 4278219875

 4278213451

 4278207029

 4278201376

 4278193161

■ 4284940264

■ 4284940264

■ 4283301860

■ 4286644204

■ 4281597920

■ 4288282608

■ 4279893981

■ 4289986548

■ 4278255577

■ 4291624951

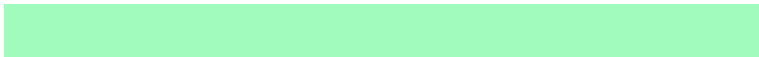
■ 4293328891

4294967295

# Harmonies

## Analogous

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



4288740284



4284940264



4281859839

# Triad

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



4284940264



4293909503



4294956699

# Complementary

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



4284940264



4294927997

# 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.



4294953404



4284940264



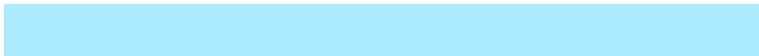
4294954495

# Square

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



4284940264



4289522687



4294952423



4294960527

# Rectangle

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



4284940264



4283169535



4294952423

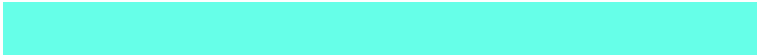


4294955428

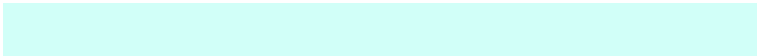


# Sweetspot

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



4284940264



4291952632



4286578534



4284711035



4278190080



4286611584



# Same Dimension

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



4284940264



4282908643



4284927231



4285759614



4278239139



4278206518



# Inverse Universe

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



4294927997



4294920035



4294941030



4286608245



4290707485

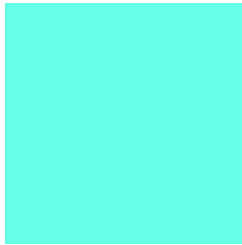


4282384394



# Previews

## White Background



This preview shows how the Android color 4284940264 looks on a white background.

## Color Contrast Check

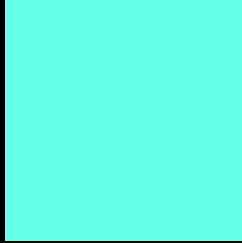
Large Text (above 18pt) WCAG AA × Fail

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 4284940264 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

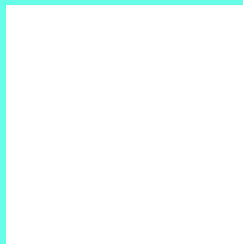
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284940264 Background



This preview shows how black text looks on a background with the Android color 4284940264.




This preview shows how white text looks on a background with the Android color 4284940264.

# 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





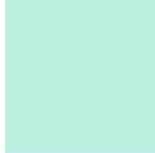
**Tritanopia**  
4289524479

# Trichromacy



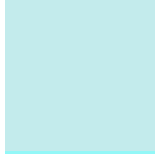
**Original Color**

4284940264



**Protanomaly**

4290571998



**Deuteranomaly**

4291029996



**Tritanomaly**

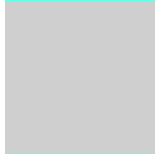
4287887351

# Monochromacy



**Original Color**

4284940264



**Achromatopsia**

4291809231



**Achromatomaly**

4289323224

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284940264 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 232) }
```

## Border

The CSS property to change the border of an element to Android 4284940264 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, 232) }
```

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

```
.border{ border-color:rgb(102, 255, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4284940264 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, 232) }
```

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

```
.background{ background-color: rgb(102,  
255, 232) }
```

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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