

# Converting Colors

Android(4280872184)

Have a look what the booklet for  
Android(4280872184) contains.

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# **Color**

**Android(4280872184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28ECF8
RGB	40, 236, 248
RGB Percent	16%, 93%, 97%
CMY	0.8431, 0.0745, 0.0275
CMYK	0.84, 0.05, 0.00, 0.03
HSL	183°, 94%, 56%
HSV	183°, 84%, 97%
XYZ	47.8138, 67.2193, 99.2615
YIQ	178.7640, -120.6680, -37.8200

# Conversions

## Conversions Part 2

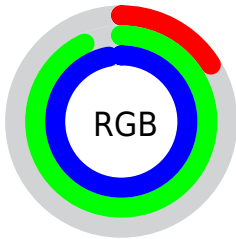
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 141, 248
Decimal	2682104
CIELab	85.61, -40.34, -18.73
CIELCh	86, 44.473, 204.906
Yxy	67.2193, 0.2231, 0.3137
Android (android.graphics.Color)	4280872184 (0xFF28ECF8)
YUV	178.7640, 34.1333, -121.6960
Hunter-Lab	81.9874, -39.3795, -14.3908

# Details

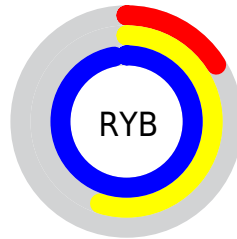
The Android color `4280872184` is a light color, and the websafe version is hex `66FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294456360`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4286578687`, and `4278236352` is the 20% darker color. If you saturate the color by 10%, you get `4279233528`, and if you desaturate by 10%, it is `4282510840`.

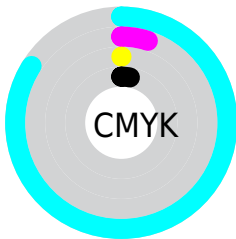
# Distribution



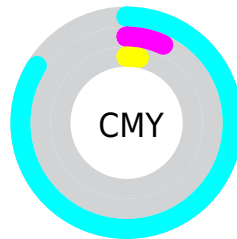
- Red (16%)
- Green (93%)
- Blue (97%)



- Red (16%)
- Yellow (55%)
- Blue (97%)



- Cyan (84%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (84%)
- Magenta (7%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280872184 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 4280872184 by changing the saturation by 10% instead.



 4280872184

 4280872184

4294967295

 4278243291

 4286578687

 4278236352

 4288806911

 4278229157

 4290904063

 4278222474

 4293001215

 4278215793

 4278209368

 4278203457

 4278197803

 4278190358

■ 4280872184

■ 4280872184

■ 4279233528

■ 4282510840

■ 4278250232

■ 4284149752

■ 4285722872

■ 4287361784

■ 4289000440

■ 4290639352

■ 4292278008

■ 4293851128

■ 4294965752

# Harmonies

## Analogous

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



4284869837



4280872184



4282509311

# Triad

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



4280872184



4294950911



4294496642

# Complementary

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



4280872184



4294456360

# 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.



4294951571



4280872184



4294948575

# Square

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



4280872184



4291940095



4294948789



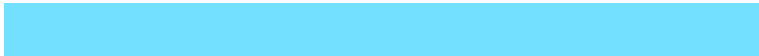
4291747464

# Rectangle

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



4280872184



4285784319



4294948789



4294954117



# Sweetspot

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



4280872184



4290771967



4280875058



4284054912



4278190080



4286611584



# Same Dimension

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



4280872184



4278251775



4280846072



4285561981



4278235837



4278204989



# Inverse Universe

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



4294453484



4294902000



4294482472



4286410876



4290576562

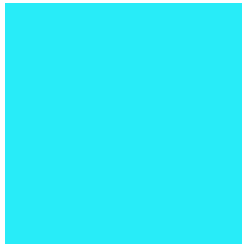


4282187834



# Previews

## White Background



This preview shows how the Android color 4280872184 looks on a white background.

## Color Contrast Check

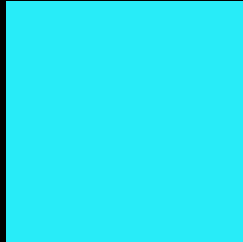
Large Text (above 18pt) WCAG AA × Fail

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 4280872184 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 4280872184 Background



This preview shows how black text looks on a background with the Android color 4280872184.

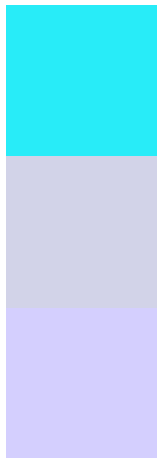


This preview shows how white text looks on a background with the Android color 4280872184.

# 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](#).

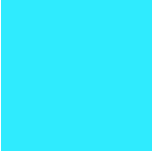
## Dichromacy



**Original Color**  
4280872184

**Protanopia**  
4292006888

**Deuteranopia**  
4292136958

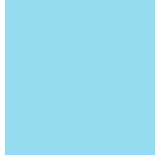


**Tritanopia**  
4281330686

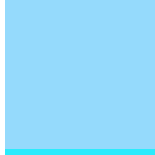
# Trichromacy



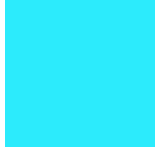
**Original Color**  
4280872184



**Protanomaly**  
4287945966



**Deuteranomaly**  
4288011004

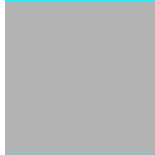


**Tritanomaly**  
4281134076

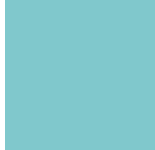
# Monochromacy



**Original Color**  
4280872184



**Achromatopsia**  
4289967027



**Achromatomaly**  
4286630092

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280872184 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(40, 236, 248)` looks like.

```
.text, #text, p{  
    color:rgb(40, 236, 248)  
}
```

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(40, 236, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 236, 248) }
```

## Border

The CSS property to change the border of an element to Android 4280872184 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(40, 236, 248) }
```

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

```
.border{ border-color:rgb(40, 236, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 236, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 236, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 236, 248);  
box-shadow:4px 4px 4px 4px rgb(40, 236,  
248) }
```

# Background

The CSS property to change the background color of an element to Android 4280872184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 236, 248) }
```

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

```
.background{ background-color: rgb(40, 236,  
248) }
```

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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