

# Converting Colors

Android(4284022715)

Have a look what the booklet for  
Android(4284022715) contains.

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# **Color**

**Android(4284022715)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58FFBB
RGB	88, 255, 187
RGB Percent	35%, 100%, 73%
CMY	0.6549, 0.0000, 0.2667
CMYK	0.65, 0.00, 0.27, 0.00
HSL	156°, 100%, 67%
HSV	156°, 65%, 100%
XYZ	48.7541, 77.1826, 59.3418
YIQ	197.3150, -77.7040, -56.5520

# Conversions

## Conversions Part 2

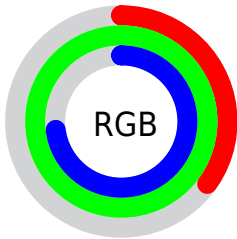
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 193, 255
Decimal	5832635
CIELab	90.41, -58.40, 20.09
CIELCh	90, 61.758, 161.015
Yxy	77.1826, 0.2631, 0.4166
Android (android.graphics.Color)	4284022715 (0xFF58FFBB)
YUV	197.3150, -5.0853, -95.8693
Hunter-Lab	87.8536, -54.6857, 21.4493

# Details

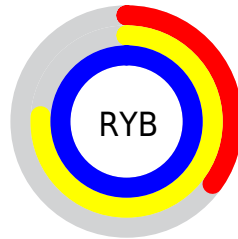
The Android color `4284022715` is a light color, and the websafe version is hex `33FFCC`. The color can be described as light muted spring green. A complement of this color would be `4294924444`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4288348147`, and `4278240646` is the 20% darker color. If you saturate the color by 10%, you get `4282384305`, and if you desaturate by 10%, it is `4285726661`.

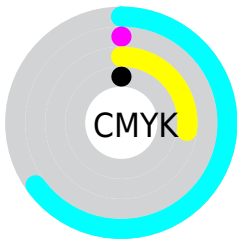
# Distribution



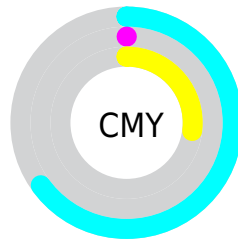
- Red (35%)
- Green (100%)
- Blue (73%)



- Red (35%)
- Yellow (76%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284022715 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 4284022715 by changing the saturation by 10% instead.





4284022715



4284022715

4294967295



4281328288



4288348147



4278240646



4290379775



4278233452



4292411391



4278226516



4294443007



4278219580



4278212902



4278206480



4278200576



4278190848

■ 4284022715

■ 4284022715

■ 4282384305

■ 4285726661

■ 4280680358

■ 4287365072

■ 4279041948

■ 4289069018

■ 4278255511

■ 4290707429

■ 4292411375

■ 4294049785

4294967295

# Harmonies

## Analogous

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



4289853063



4284022715



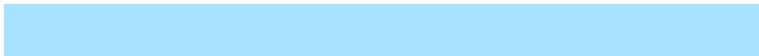
4278255608

# Triad

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



4284022715



4289258239



4294950553

# Complementary

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



4284022715



4294924444

# 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.



4294947536



4284022715



4294953983

# Square

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



4284022715



4278252799



4294949119



4294955891

# Rectangle

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



4284022715



4278255615



4294949119



4294949034

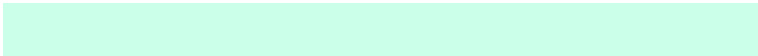


# Sweetspot

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



4284022715



4291624938



4288610136



4284579955



4278190080



4286611584



# Same Dimension

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



4284022715



4281794477



4284019199



4285759610



4278239089



4278206502



# Inverse Universe

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



4294924444



4294915720



4294927960



4286608248



4290707534

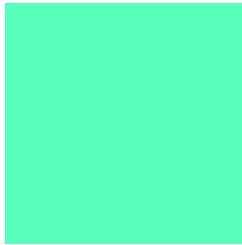


4282384410



# Previews

## White Background



This preview shows how the Android color 4284022715 looks on a white background.

## Color Contrast Check

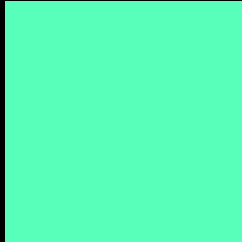
Large Text (above 18pt) WCAG AA × Fail

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 4284022715 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 4284022715 Background



This preview shows how black text looks on a background with the Android color 4284022715.



This preview shows how white text looks on a background with the Android color 4284022715.

# 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





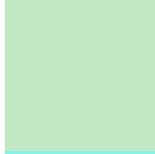
# Trichromacy



**Original Color**  
4284022715



**Protanomaly**  
4290374834



**Deuteranomaly**  
4290963395

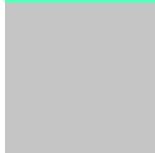


**Tritanomaly**  
4286838246

# Monochromacy



**Original Color**  
4284022715



**Achromatopsia**  
4291151301



**Achromatomaly**  
4288535233

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284022715 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(88, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(88, 255, 187)  
}
```

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(88, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 255, 187) }
```

## Border

The CSS property to change the border of an element to Android 4284022715 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(88, 255, 187) }
```

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

```
.border{ border-color:rgb(88, 255, 187) }
```

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

Here you see how a box with a 4 pixel rgb(88, 255, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(88, 255,  
187) }
```

# Background

The CSS property to change the background color of an element to Android 4284022715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 255, 187) }
```

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

```
.background{ background-color: rgb(88, 255,  
187) }
```

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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