

# Converting Colors

Android(4288076228)

Have a look what the booklet for  
Android(4288076228) contains.

<b>Android(4288076228)</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(4288076228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96D9C4
RGB	150, 217, 196
RGB Percent	59%, 85%, 77%
CMY	0.4118, 0.1490, 0.2314
CMYK	0.31, 0.00, 0.10, 0.15
HSL	161°, 47%, 72%
HSV	161°, 31%, 85%
XYZ	47.3543, 60.0953, 61.3283
YIQ	194.5730, -33.1910, -20.7350

# Conversions

## Conversions Part 2

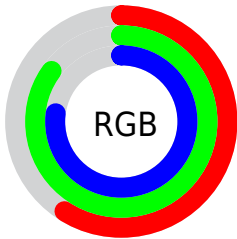
Format	Color
<a href="#">RYB</a>	<a href="#">150, 190, 217</a>
Decimal	<a href="#">9886148</a>
CIELab	<a href="#">81.89, -25.56, 3.61</a>
CIELCh	<a href="#">82, 25.814, 171.970</a>
Yxy	<a href="#">60.0953, 0.2806, 0.3561</a>
Android (android.graphics.Color)	<a href="#">4288076228 (0xFF96D9C4)</a>
YUV	<a href="#">194.5730, 0.7035, -39.0905</a>
Hunter-Lab	<a href="#">77.5211, -26.6240, 7.3595</a>

# Details

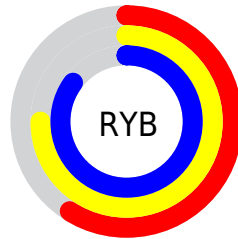
The Android color `4288076228` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4292449963`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4291756029`, and `4284588686` is the 20% darker color. If you saturate the color by 10%, you get `4286634429`, and if you desaturate by 10%, it is `4289518027`.

# Distribution



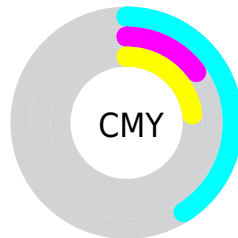
- Red (59%)
- Green (85%)
- Blue (77%)



- Red (59%)
- Yellow (75%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288076228 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 4288076228 by changing the saturation by 10% instead.




 4288076228

 4288076228

4294967295

 4286299561

 4291756029

 4284588686

 4293656575

 4282877813

 4281101916

 4279063877

 4278205998

 4278200090

 4278193408

 4278190080

 4288076228

 4288076228

 4286634429

 4289518027

 4285258166

 4290894290

 4283816368

 4292336088

 4282374569

 4293777887

 4280998306

 4294957542

 4279556507

 4294957549

 4278245781

 4294957556

 4294957562

 4294957567

# Harmonies

## Analogous

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



4289713837



4288076228



4287093213

# Triad

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



4288076228



4291283192



4294361254

# Complementary

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



4288076228



4292449963

# 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.



4294884283



4288076228



4293247210

# Square

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



4288076228



4289122555



4294491091



4293183644

# Rectangle

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



4288076228



4287223787



4294491091



4294622892



# Sweetspot

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



4288076228



4293459960



4289452438



4285628539



4278190080



4286611584

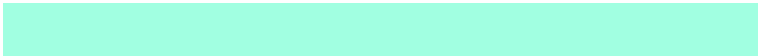


# Same Dimension

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



4288076228



4288806881



4288073177



4284706410



4278234487



4278201888



# Inverse Universe

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



4292449963



4294943166



4292453014



4285424486



4289527862



4281204750



# Previews

## White Background



This preview shows how the Android color 4288076228 looks on a white background.

## Color Contrast Check

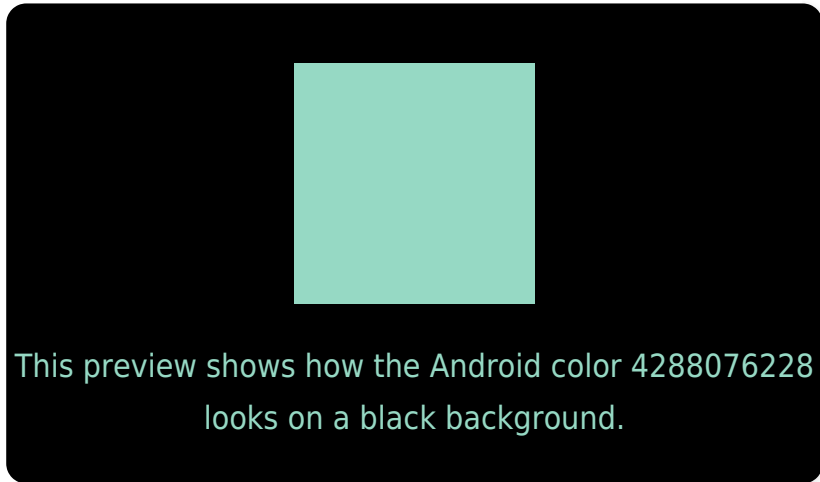
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4288076228 Background



This preview shows how black text looks on a background with the Android color 4288076228.



This preview shows how white text looks on a background with the Android color 4288076228.

# 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



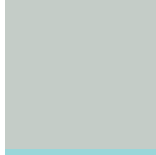
**Original Color**

4288076228



**Protanomaly**

4290564031



**Deuteranomaly**

4291087559



**Tritanomaly**

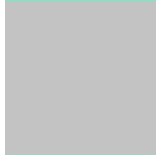
4288337625

# Monochromacy



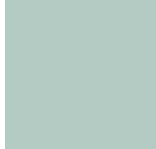
**Original Color**

4288076228



**Achromatopsia**

4291019715



**Achromatomaly**

4289973187

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288076228 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(150, 217, 196)` looks like.

```
.text, #text, p{  
    color:rgb(150, 217, 196)  
}
```

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(150, 217, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 217, 196) }
```

## Border

The CSS property to change the border of an element to Android 4288076228 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(150, 217, 196) }
```

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

```
.border{ border-color:rgb(150, 217, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 217, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 217, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 217, 196); box-shadow:4px 4px 4px 4px rgb(150, 217, 196) }
```

# Background

The CSS property to change the background color of an element to Android 4288076228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 217, 196) }
```

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

```
.background{ background-color: rgb(150,  
217, 196) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor