

# Converting Colors

Android(4287226068)

Have a look what the booklet for  
Android(4287226068) contains.

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# Color

**Android(4287226068)**

# Conversions

Conversions Part 1	
Format	Color
Hex	89E0D4
RGB	137, 224, 212
RGB Percent	54%, 88%, 83%
CMY	0.4627, 0.1216, 0.1686
CMYK	0.39, 0.00, 0.05, 0.12
HSL	172°, 58%, 71%
HSV	172°, 39%, 88%
XYZ	48.8558, 63.3831, 71.9466
YIQ	196.6190, -48.0000, -22.1760

# Conversions

## Conversions Part 2

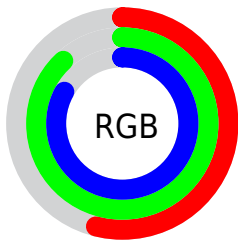
Format	Color
<a href="#">RYB</a>	<a href="#">137, 184, 224</a>
Decimal	<a href="#">9035988</a>
CIELab	<a href="#">83.64, -28.97, -2.40</a>
CIELCh	<a href="#">84, 29.073, 184.736</a>
Yxy	<a href="#">63.3831, 0.2653, 0.3441</a>
Android (android.graphics.Color)	<a href="#">4287226068</a> (0xFF89E0D4)
YUV	<a href="#">196.6190, 7.5828, -52.2859</a>
Hunter-Lab	<a href="#">79.6135, -29.7849, 2.1492</a>

# Details

The Android color **4287226068** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **4292905365**, and the grayscale version is **4291151301**.

A 20% lighter version of the original color is **4290969599**, and **4283541661** is the 20% darker color. If you saturate the color by 10%, you get **4285784273**, and if you desaturate by 10%, it is **4288667863**.

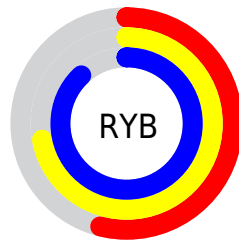
# Distribution



Red (54%)

Green (88%)

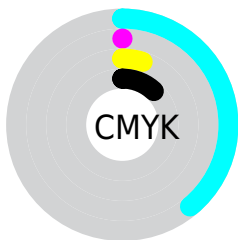
Blue (83%)



Red (54%)

Yellow (72%)

Blue (88%)

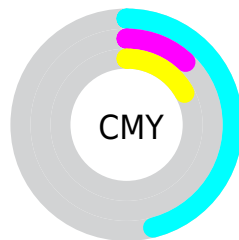


Cyan (39%)

Magenta (0%)

Yellow (5%)

Black (12%)



Cyan (46%)

Magenta (12%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287226068 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 4287226068 by changing the saturation by 10% instead.



 4287226068

 4287226068

4294967295

 4285383864

 4290969599

 4283541661

 4292870143

 4281634435

 4294770687

 4279137386












 4278213458

 4278207291

 4278201382

 4278195729

 4278190080

 4287226068	 4287226068
 4285784273	 4288667863
 4284276942	 4290175194
 4282835147	 4291616989
 4281327816	 4293124320
 4279886021	 4294566115
 4278444225	 4294959335
 4278247617	 4294959338
	 4294959341
	 4294959344

# Harmonies

## Analogous

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



4288929464



4287226068



4286636015

# Triad

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



4287226068



4292528381



4294559648

# Complementary

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



4287226068



4292905365

# 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.



4294950835



4287226068



4294492392

# Square

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



4287226068



4290106111



4294950349



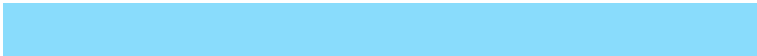
4292923546

# Rectangle

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



4287226068



4287225084



4294950349



4294952101

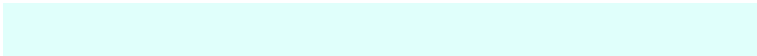


# Sweetspot

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



4287226068



4292935675



4288077961



4285431933



4278190080



4286611584

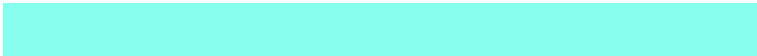


# Same Dimension

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



4287226068



4287102958



4287218400



4284837999



4278235288



4278202410



# Inverse Universe

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



4292905365



4294936472



4292913033



4285556071



4289724440

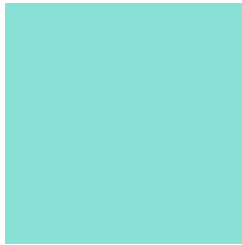


4281335815



# Previews

## White Background



This preview shows how the Android color 4287226068 looks on a white background.

## Color Contrast Check

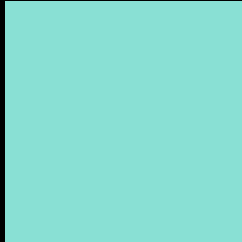
Large Text (above 18pt) WCAG AA × Fail

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 4287226068 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

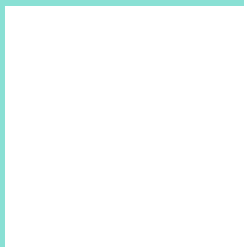
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287226068 Background



This preview shows how black text looks on a background with the Android color 4287226068.

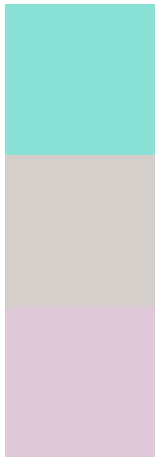


This preview shows how white text looks on a background with the Android color 4287226068.

# 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**  
4287226068

**Protanopia**  
4292136906

**Deuteranopia**  
4292856281



# Trichromacy

	<b>Original Color</b> 4287226068
	<b>Protanomaly</b> 4290368974
	<b>Deuteranomaly</b> 4290826711
	<b>Tritanomaly</b> 4287487461

# Monochromacy

	<b>Original Color</b> 4287226068
	<b>Achromatopsia</b> 4291151301
	<b>Achromatomaly</b> 4289712074

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287226068 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(137, 224, 212)` looks like.

```
.text, #text, p{  
    color:rgb(137, 224, 212)  
}
```

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(137, 224, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 224, 212) }
```

## Border

The CSS property to change the border of an element to Android 4287226068 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(137, 224, 212) }
```

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

```
.border{ border-color:rgb(137, 224, 212) }
```

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

Here you see how a box with a 4 pixel rgb(137, 224, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 224, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 224, 212);  
box-shadow:4px 4px 4px 4px rgb(137, 224,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4287226068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 224, 212) }
```

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

```
.background{ background-color: rgb(137,  
224, 212) }
```

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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