

# Converting Colors

Android(4288275169)

Have a look what the booklet for  
Android(4288275169) contains.

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# **Color**

**Android(4288275169)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99E2E1
RGB	153, 226, 225
RGB Percent	60%, 89%, 88%
CMY	0.4000, 0.1137, 0.1176
CMYK	0.32, 0.00, 0.00, 0.11
HSL	179°, 56%, 74%
HSV	179°, 32%, 89%
XYZ	53.9238, 66.6013, 81.2474
YIQ	204.0590, -43.1870, -15.7870

# Conversions

## Conversions Part 2

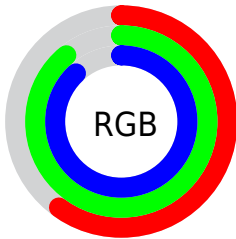
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 190, 226
Decimal	10085089
CIELab	85.30, -22.73, -6.74
CIELCh	85, 23.706, 196.530
Yxy	66.6013, 0.2673, 0.3301
Android (android.graphics.Color)	4288275169 (0xFF99E2E1)
YUV	204.0590, 10.3239, -44.7787
Hunter-Lab	81.6096, -24.8723, -1.9001

# Details

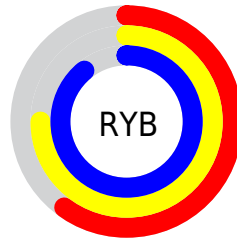
The Android color `4288275169` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4293040538`, and the grayscale version is `4291611852`.

A 20% lighter version of the original color is `4292018175`, and `4284656298` is the 20% darker color. If you saturate the color by 10%, you get `4286767841`, and if you desaturate by 10%, it is `4289782497`.

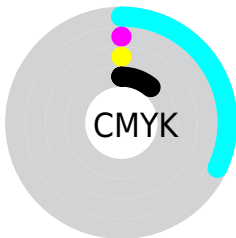
# Distribution



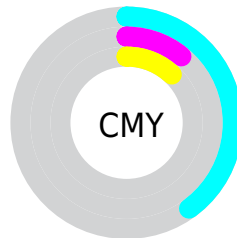
- Red (60%)
- Green (89%)
- Blue (88%)



- Red (60%)
- Yellow (75%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288275169 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 4288275169 by changing the saturation by 10% instead.





4288275169



4288275169

4294967295



4286432965



4292018175



4284656298



4293918719



4282880143



4281038454



4278410589



4278207814



4278201903



4278197274



4278190080


 4288275169

 4288275169

 4286767841

 4289782497

 4285326048

 4291224290

 4283818720

 4292731618

 4282376928

 4294173410

 4280869599

 4294959843

 4279362271

 4294959844

 4278248159

# Harmonies

## Analogous

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



4289257930



4288275169



4288405749

# Triad

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



4288275169



4293446644



4293972138

# Complementary

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



4288275169



4293040538

# 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.



4294953398



4288275169



4294756064

# Square

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



4288275169



4291613695



4294952649



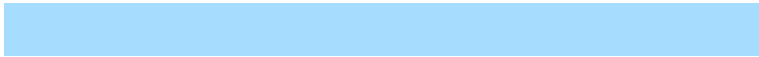
4292466858

# Rectangle

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



4288275169



4289125630



4294952649



4294364845

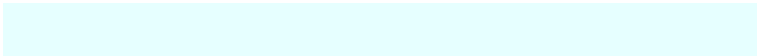


# Sweetspot

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



4288275169



4293328895



4288340633



4285563007



4278190080



4286611584



# Same Dimension

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



4288275169



4288479230



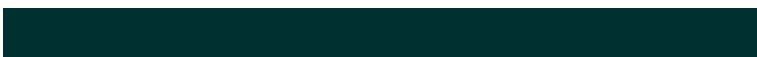
4288266210



4284838000



4278235310



4278202416



# Inverse Universe

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



4293040538



4294941853



4293049497



4285556069



4289724418

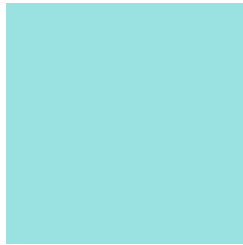


4281335809



# Previews

## White Background



This preview shows how the Android color 4288275169 looks on a white background.

## Color Contrast Check

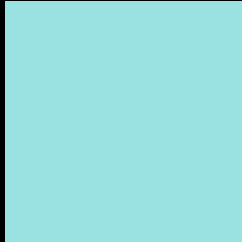
Large Text (above 18pt) WCAG AA × Fail

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 4288275169 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 4288275169 Background



This preview shows how black text looks on a background with the Android color 4288275169.

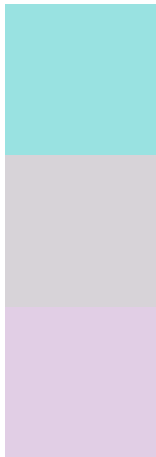


This preview shows how white text looks on a background with the Android color 4288275169.

# 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**  
4288275169

**Protanopia**  
4292334552

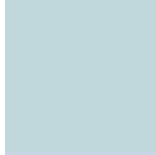
**Deuteranopia**  
4292988645



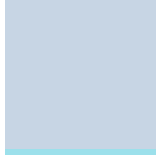
# Trichromacy



**Original Color**  
4288275169



**Protanomaly**  
4290828507



**Deuteranomaly**  
4291286500

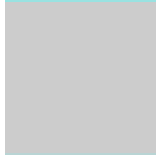


**Tritanomaly**  
4288471275

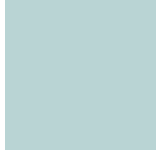
# Monochromacy



**Original Color**  
4288275169



**Achromatopsia**  
4291611852



**Achromatomaly**  
4290368724

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288275169 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(153, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(153, 226, 225)  
}
```

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(153, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 226, 225) }
```

## Border

The CSS property to change the border of an element to Android 4288275169 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(153, 226, 225) }
```

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

```
.border{ border-color:rgb(153, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(153, 226,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4288275169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 226, 225) }
```

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

```
.background{ background-color: rgb(153,  
226, 225) }
```

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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