

# Converting Colors

Android(4288210653)

Have a look what the booklet for  
Android(4288210653) contains.

<b>Android(4288210653)</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(4288210653)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98E6DD
RGB	152, 230, 221
RGB Percent	60%, 90%, 87%
CMY	0.4039, 0.0980, 0.1333
CMYK	0.34, 0.00, 0.04, 0.10
HSL	173°, 61%, 75%
HSV	173°, 34%, 90%
XYZ	54.2969, 68.4895, 78.7647
YIQ	205.6520, -43.5990, -19.3350

# Conversions

## Conversions Part 2

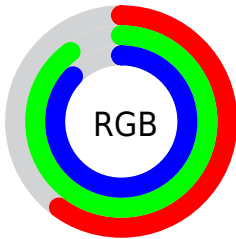
Format	Color
<a href="#">RYB</a>	<a href="#">152, 193, 230</a>
Decimal	<a href="#">10020573</a>
CIELab	<a href="#">86.25, -25.86, -3.24</a>
CIELCh	<a href="#">86, 26.065, 187.147</a>
Yxy	<a href="#">68.4895, 0.2694, 0.3398</a>
Android (android.graphics.Color)	<a href="#">4288210653</a> ( <a href="#">0xFF98E6DD</a> )
YUV	<a href="#">205.6520, 7.5666, -47.0528</a>
Hunter-Lab	<a href="#">82.7584, -27.7153, 1.5021</a>

# Details

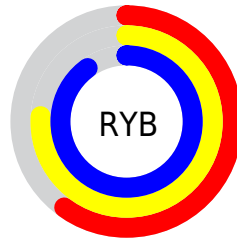
The Android color `4288210653` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4293302433`, and the grayscale version is `4291743438`.

A 20% lighter version of the original color is `4291952639`, and `4284591782` is the 20% darker color. If you saturate the color by 10%, you get `4286703322`, and if you desaturate by 10%, it is `4289717984`.

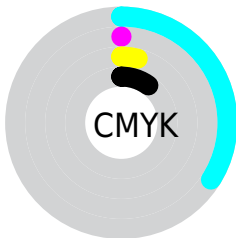
# Distribution



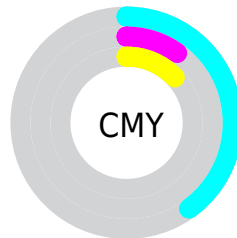
- Red (60%)
- Green (90%)
- Blue (87%)



- Red (60%)
- Yellow (76%)
- Blue (90%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (40%)
- Magenta (10%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288210653 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 4288210653 by changing the saturation by 10% instead.




 4288210653

 4288210653

4294967295

 4286368449

 4291952639

 4284591782

 4293853183

 4282815372

 4280908146

 4278214746

 4278208578

 4278202668

 4278197784

 4278190080

 4288210653

 4288210653

 4286703322

 4289717984

 4285195992

 4291225314

 4283688661

 4292732645

 4282181330

 4294239976

 4280674000

 4294960874

 4279166669

 4294960877

 4278249163

 4294960880

 4294960882

 4294960885

# Harmonies

## Analogous

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



4289586372



4288210653



4287882485

# Triad

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



4288210653



4293119999



4294693035

# Complementary

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



4288210653



4293302433

# 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.



4294953403



4288210653



4294822379

# Square

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



4288210653



4291025151



4294952659



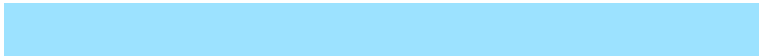
4293187751

# Rectangle

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



4288210653



4288471807



4294952659



4294954415

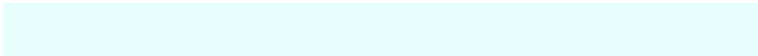


# Sweetspot

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



4288210653



4293328892



4288800408



4285563006



4278190080



4286611584

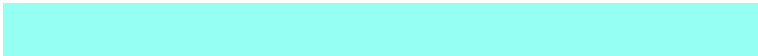


# Same Dimension

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



4288210653



4288086003



4288202982



4284969841



4278236062



4278203181



# Inverse Universe

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



4293302433



4294940323



4293310104



4285753193



4289921045

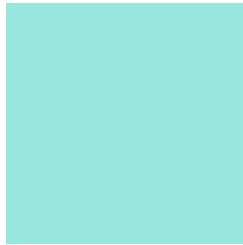


4281532422



# Previews

## White Background



This preview shows how the Android color 4288210653 looks on a white background.

## Color Contrast Check

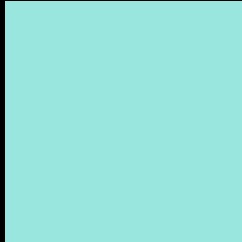
Large Text (above 18pt) WCAG AA × Fail

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 4288210653 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 4288210653 Background



This preview shows how black text looks on a background with the Android color 4288210653.



This preview shows how white text looks on a background with the Android color 4288210653.

# 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

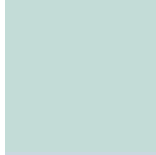




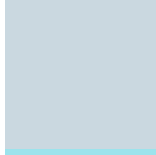
# Trichromacy



**Original Color**  
4288210653



**Protanomaly**  
4291026135



**Deuteranomaly**  
4291483872

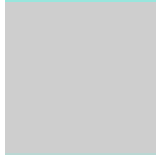


**Tritanomaly**  
4288472044

# Monochromacy



**Original Color**  
4288210653



**Achromatopsia**  
4291743438



**Achromatomaly**  
4290435027

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288210653 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(152, 230, 221)` looks like.

```
.text, #text, p{  
    color:rgb(152, 230, 221)  
}
```

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(152, 230, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 230, 221) }
```

## Border

The CSS property to change the border of an element to Android 4288210653 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(152, 230, 221) }
```

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

```
.border{ border-color:rgb(152, 230, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 230, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 230, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 230, 221);  
box-shadow:4px 4px 4px 4px rgb(152, 230,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4288210653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 230, 221) }
```

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

```
.background{ background-color: rgb(152,  
230, 221) }
```

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