

# Converting Colors

Android(4288536030)

Have a look what the booklet for  
Android(4288536030) contains.

<b>Android(4288536030)</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(4288536030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DDDDE
RGB	157, 221, 222
RGB Percent	62%, 87%, 87%
CMY	0.3843, 0.1333, 0.1294
CMYK	0.29, 0.00, 0.00, 0.13
HSL	181°, 50%, 74%
HSV	181°, 29%, 87%
XYZ	52.9459, 64.1549, 78.6998
YIQ	201.9780, -38.4650, -13.2570

# Conversions

## Conversions Part 2

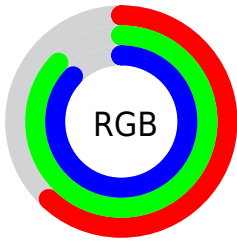
Format	Color
<a href="#">RYB</a>	<a href="#">157, 189, 222</a>
Decimal	<a href="#">10345950</a>
CIELab	<a href="#">84.05, -19.83, -6.99</a>
CIELCh	<a href="#">84, 21.028, 199.427</a>
Yxy	<a href="#">64.1549, 0.2704, 0.3277</a>
Android (android.graphics.Color)	<a href="#">4288536030 (0xFF9DDDDE)</a>
YUV	<a href="#">201.9780, 9.8708, -39.4457</a>
Hunter-Lab	<a href="#">80.0968, -22.1766, -2.1882</a>

# Details

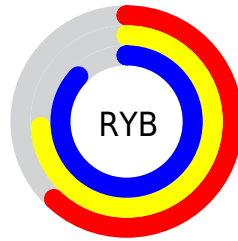
The Android color `4288536030` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4292779677`, and the grayscale version is `4291480266`.

A 20% lighter version of the original color is `4292214783`, and `4284982951` is the 20% darker color. If you saturate the color by 10%, you get `4287094238`, and if you desaturate by 10%, it is `4289977822`.

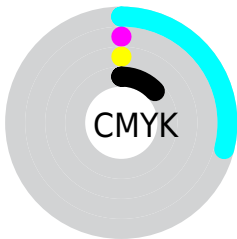
# Distribution



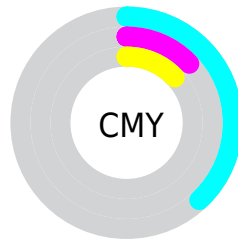
- Red (62%)
- Green (87%)
- Blue (87%)



- Red (62%)
- Yellow (74%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288536030 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 4288536030 by changing the saturation by 10% instead.



 4288536030

 4288536030

4294967295

 4286759362

 4292214783

 4284982951

 4294115327

 4283206541

 4281496179

 4279458139

 4278206787

 4278201133

 4278195992

 4278190080

 4288536030

 4288536030

 4287094238

 4289977822

 4285652190

 4291419870

 4284144862

 4292927198

 4282703070

 4294368990

 4281261022

 4294959070

 4279819230

 4294959326

 4278377438

 4278246366

# Harmonies

## Analogous

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



4289256906



4288536030



4288732143

# Triad

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



4288536030



4293249516



4293447339

# Complementary

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



4288536030



4292779677

# 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.



4294363316



4288536030



4294296793

# Square

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



4288536030



4291612663



4294689989



4292072620

# Rectangle

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



4288536030



4289452022



4294689989



4293840045



# Sweetspot

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



4288536030



4293459967



4288536221



4285628288



4278190080



4286611584



# Same Dimension

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



4288536030



4289134335



4288528094



4284838000



4278234544



4278202416



# Inverse Universe

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



4292779485



4294944510



4292787869



4285556080



4289724589



4281335856



# Previews

## White Background



This preview shows how the Android color 4288536030 looks on a white background.

## Color Contrast Check

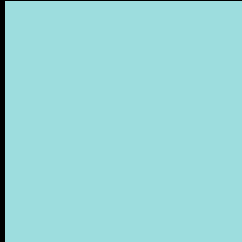
Large Text (above 18pt) WCAG AA × Fail

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 4288536030 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 4288536030 Background



This preview shows how black text looks on a background with the Android color 4288536030.



This preview shows how white text looks on a background with the Android color 4288536030.

# 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





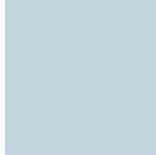
**Tritanopia**  
4288732140

# Trichromacy



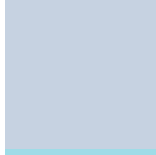
**Original Color**

4288536030



**Protanomaly**

4290762201



**Deuteranomaly**

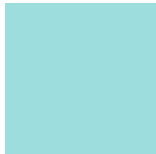
4291220193



**Tritanomaly**

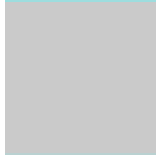
4288666855

# Monochromacy



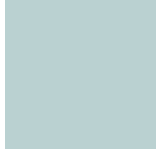
**Original Color**

4288536030



**Achromatopsia**

4291480266



**Achromatomaly**

4290433489

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288536030 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(157, 221, 222)` looks like.

```
.text, #text, p{  
    color:rgb(157, 221, 222)  
}
```

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(157, 221, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 221, 222) }
```

## Border

The CSS property to change the border of an element to Android 4288536030 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(157, 221, 222) }
```

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

```
.border{ border-color:rgb(157, 221, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 221, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 221, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 221, 222);  
box-shadow:4px 4px 4px 4px rgb(157, 221,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4288536030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 221, 222) }
```

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

```
.background{ background-color: rgb(157,  
221, 222) }
```

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