

# Converting Colors

Android(4282317023)

Have a look what the booklet for  
Android(4282317023) contains.

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# **Color**

**Android(4282317023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EF8DF
RGB	62, 248, 223
RGB Percent	24%, 97%, 87%
CMY	0.7569, 0.0275, 0.1255
CMYK	0.75, 0.00, 0.10, 0.03
HSL	172°, 93%, 61%
HSV	172°, 75%, 97%
XYZ	48.8733, 73.4866, 81.4205
YIQ	189.5360, -102.8310, -47.2070

# Conversions

## Conversions Part 2

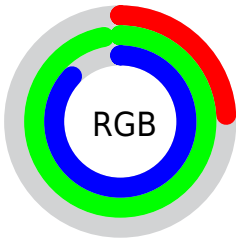
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	62, 162, 248
Decimal	4126943
CIE Lab	88.68, -50.63, -1.05
CIE LCh	89, 50.642, 181.189
Yxy	73.4866, 0.2398, 0.3606
Android (android.graphics.Color)	4282317023 (0xFF3EF8DF)
YUV	189.5360, 16.4978, -111.8491
Hunter-Lab	85.7244, -48.2509, 3.6938

# Details

The Android color `4282317023` is a light color, and the websafe version is hex `00FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294458967`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4287234047`, and `4278239144` is the 20% darker color. If you saturate the color by 10%, you get `4280678620`, and if you desaturate by 10%, it is `4283955426`.

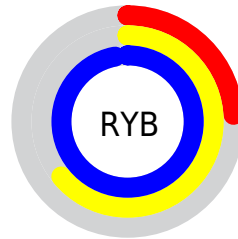
# Distribution



Red (24%)

Green (97%)

Blue (87%)



Red (24%)

Yellow (64%)

Blue (97%)

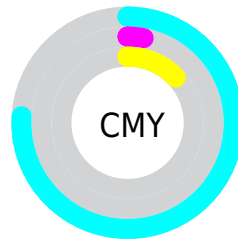


Cyan (75%)

Magenta (0%)

Yellow (10%)

Black (3%)



Cyan (76%)

Magenta (3%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282317023 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 4282317023 by changing the saturation by 10% instead.





4282317023



4282317023

4294967295



4278246339



4287234047



4278239144



4289331199



4278231950



4291428351



4278225012



4293525503



4278218332



4278211652



4278205230



4278199577



4278190080

■ 4282317023

■ 4282317023

■ 4280678620

■ 4283955426

■ 4279040216

■ 4285593830

■ 4278253783

■ 4287166697

■ 4288805100

■ 4290443504

■ 4292081907

■ 4293720310

■ 4294965498

■ 4294965501

# Harmonies

## Analogous

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



4287558830



4282317023



4278253567

# Triad

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



4282317023



4293317119



4294953867

# Complementary

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



4282317023



4294458967

# 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.



4294950319



4282317023



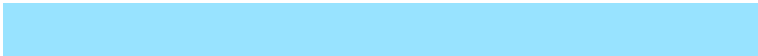
4294951423

# Square

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



4282317023



4288209919



4294949087



4294761597

# Rectangle

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



4282317023



4278252543



4294949087



4294952597

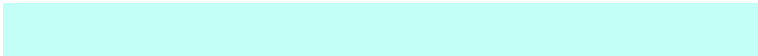


# Sweetspot

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



4282317023



4291100663



4284151870



4284252283



4278190080



4286611584



# Same Dimension

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



4282317023



4279893984



4282300408



4285562235



4278238627



4278205749



# Inverse Universe

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



4294458967



4294908216



4294475582



4286410866



4290576409

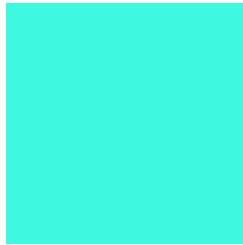


4282187784



# Previews

## White Background



This preview shows how the Android color 4282317023 looks on a white background.

## Color Contrast Check

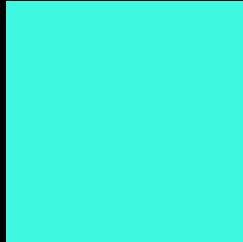
Large Text (above 18pt) WCAG AA × Fail

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 4282317023 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 4282317023 Background



This preview shows how black text looks on a background with the Android color 4282317023.



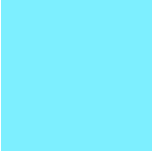
This preview shows how white text looks on a background with the Android color 4282317023.

# 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



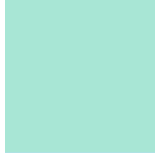


**Tritanopia**  
4286443519

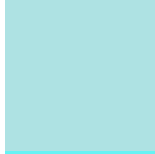
# Trichromacy



**Original Color**  
4282317023



**Protanomaly**  
4289259221



**Deuteranomaly**  
4289651427

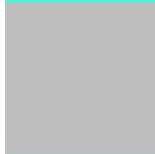


**Tritanomaly**  
4284936947

# Monochromacy



**Original Color**  
4282317023



**Achromatopsia**  
4290690750



**Achromatomaly**  
4287615946

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282317023 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(62, 248, 223)` looks like.

```
.text, #text, p{  
    color:rgb(62, 248, 223)  
}
```

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(62, 248, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 248, 223) }
```

## Border

The CSS property to change the border of an element to Android 4282317023 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(62, 248, 223) }
```

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

```
.border{ border-color:rgb(62, 248, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 248, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 248, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 248, 223);  
box-shadow:4px 4px 4px 4px rgb(62, 248,  
223) }
```

# Background

The CSS property to change the background color of an element to Android 4282317023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 248, 223) }
```

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

```
.background{ background-color: rgb(62, 248,  
223) }
```

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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