

# Converting Colors

Android(4282251217)

Have a look what the booklet for  
Android(4282251217) contains.

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# **Color**

**Android(4282251217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DF7D1
RGB	61, 247, 209
RGB Percent	24%, 97%, 82%
CMY	0.7608, 0.0314, 0.1804
CMYK	0.75, 0.00, 0.15, 0.03
HSL	168°, 92%, 60%
HSV	168°, 75%, 97%
XYZ	46.6939, 72.1171, 71.7806
YIQ	187.0540, -98.6580, -51.2500

# Conversions

## Conversions Part 2

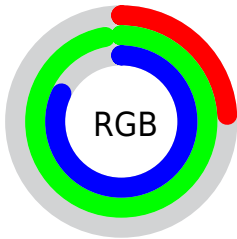
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 165, 247
Decimal	4061137
CIELab	88.02, -53.86, 5.29
CIELCh	88, 54.115, 174.392
Yxy	72.1171, 0.2450, 0.3784
Android (android.graphics.Color)	4282251217 (0xFF3DF7D1)
YUV	187.0540, 10.8194, -110.5494
Hunter-Lab	84.9218, -50.4657, 9.3301

# Details

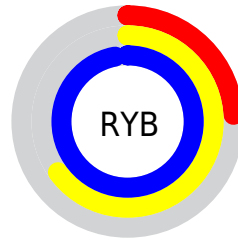
The Android color `4282251217` is a light color, and the websafe version is hex `66FFCC`. The color can be described as light washed cyan. A complement of this color would be `4294393187`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4287102975`, and `4278238875` is the 20% darker color. If you saturate the color by 10%, you get `4280612812`, and if you desaturate by 10%, it is `4283889622`.

# Distribution



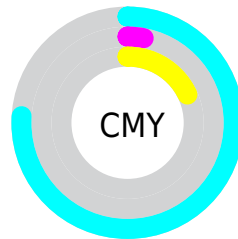
- Red (24%)
- Green (97%)
- Blue (82%)



- Red (24%)
- Yellow (65%)
- Blue (97%)



- Cyan (75%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (76%)
- Magenta (3%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282251217 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 4282251217 by changing the saturation by 10% instead.





4282251217



4282251217

4294967295



4278246069



4287102975



4278238875



4289265663



4278231681



4291297279



4278224744



4293394431



4278217808



4278211385



4278204963



4278199054



4278190080

 4282251217

 4282251217

 4280612812

 4283889622

 4279039943

 4285462491

 4278253509

 4287100896

 4288739301

 4290377706

 4291950575

 4293588980

 4294965241

 4294965246

# Harmonies

## Analogous

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



4288017055



4282251217



4278253567

# Triad

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



4282251217



4292072447



4294952075

# Complementary

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



4282251217



4294393187

# 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.



4294948533



4282251217



4294951167

# Square

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



4282251217



4285851135



4294948073



4294956917

# Rectangle

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



4282251217



4278252799



4294948073



4294950551

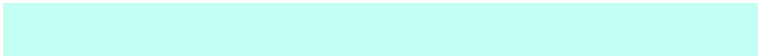


# Sweetspot

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



4282251217



4291100659



4284872509



4284252280



4278190080



4286611584



# Same Dimension

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



4282251217



4279893968



4282237687



4285430392



4278237844



4278205231



# Inverse Universe

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



4294393187



4294908232



4294406717



4286213745



4290379814

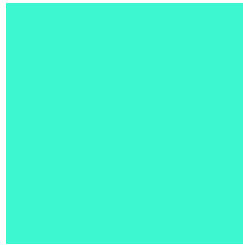


4282056716



# Previews

## White Background



This preview shows how the Android color 4282251217 looks on a white background.

## Color Contrast Check

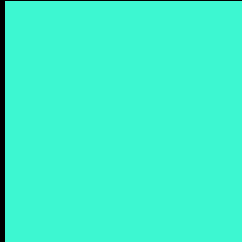
Large Text (above 18pt) WCAG AA × Fail

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 4282251217 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 4282251217 Background



This preview shows how black text looks on a background with the Android color 4282251217.

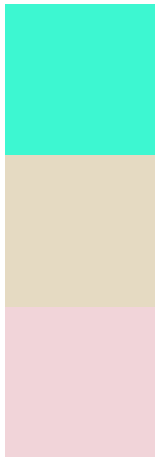


This preview shows how white text looks on a background with the Android color 4282251217.

# 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**  
4282251217

**Protanopia**  
4293253826

**Deuteranopia**  
4294038745



# Trichromacy



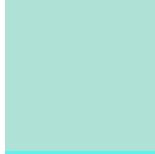
**Original Color**

4282251217



**Protanomaly**

4289258951



**Deuteranomaly**

4289782230



**Tritanomaly**

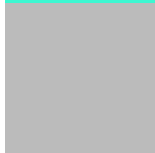
4284477934

# Monochromacy



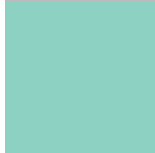
**Original Color**

4282251217



**Achromatopsia**

4290493371



**Achromatomaly**

4287484355

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282251217 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(61, 247, 209)` looks like.

```
.text, #text, p{  
    color:rgb(61, 247, 209)  
}
```

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(61, 247, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 247, 209) }
```

## Border

The CSS property to change the border of an element to Android 4282251217 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(61, 247, 209) }
```

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

```
.border{ border-color:rgb(61, 247, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 247, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 247, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 247, 209);  
box-shadow:4px 4px 4px 4px rgb(61, 247,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4282251217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 247, 209) }
```

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

```
.background{ background-color: rgb(61, 247,  
209) }
```

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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