

# Converting Colors

Android(4282251432)

Have a look what the booklet for  
Android(4282251432) contains.

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# **Color**

**Android(4282251432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DF8A8
RGB	61, 248, 168
RGB Percent	24%, 97%, 66%
CMY	0.7608, 0.0275, 0.3412
CMYK	0.75, 0.00, 0.32, 0.03
HSL	154°, 93%, 61%
HSV	154°, 75%, 97%
XYZ	42.5598, 70.9541, 48.4982
YIQ	182.9670, -85.7720, -64.5240

# Conversions

## Conversions Part 2

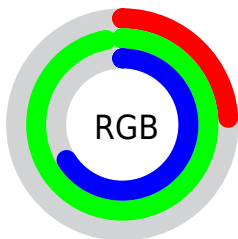
Format	Color
<a href="#">RYB</a>	<a href="#">61, 180, 248</a>
Decimal	<a href="#">4061352</a>
CIELab	<a href="#">87.46, -63.44, 25.64</a>
CIELCh	<a href="#">87, 68.425, 157.989</a>
Yxy	<a href="#">70.9541, 0.2627, 0.4380</a>
Android (android.graphics.Color)	<a href="#">4282251432 (0xFF3DF8A8)</a>
YUV	<a href="#">182.9670, -7.3787, -106.9651</a>
Hunter-Lab	<a href="#">84.2342, -57.2219, 24.8275</a>

# Details

The Android color **4282251432** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **4294458765**, and the grayscale version is **4290230199**.

A 20% lighter version of the original color is **4287037408**, and **4278238835** is the 20% darker color. If you saturate the color by 10%, you get **4280613021**, and if you desaturate by 10%, it is **4283889843**.

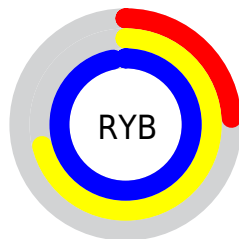
# Distribution



Red (24%)

Green (97%)

Blue (66%)



Red (24%)

Yellow (71%)

Blue (97%)

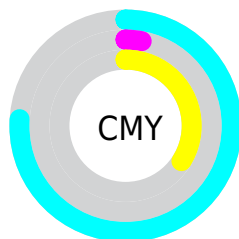


Cyan (75%)

Magenta (0%)

Yellow (32%)

Black (3%)



Cyan (76%)

Magenta (3%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282251432 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 4282251432 by changing the saturation by 10% instead.



 4282251432

 4282251432

4294967295

 4278246285

 4287037408

 4278238835

 4289134588

 4278231642

 4291231743

 4278224706

 4293263359

 4278217771

 4278211093

 4278204928

 4278198528

 4278190080

 4282251432

 4282251432

 4280613021

 4283889843

 4278974611

 4285528253

 4278253710

 4287101128

 4288739538

 4290377949

 4292016360

 4293654770

 4294965501

 4294965503

# Harmonies

## Analogous

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



4289392239



4282251432



4278254827

# Triad

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



4282251432



4286831871



4294946446

# Complementary

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



4282251432



4294458765

# 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.



4294943436



4282251432



4294362111

# Square

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



4282251432



4278251519



4294945791



4294952544

# Rectangle

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



4282251432



4278254591



4294945791



4294944930

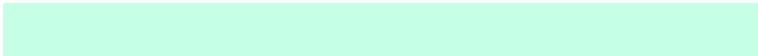


# Sweetspot

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



4282251432



4291100646



4287559741



4284252272



4278190080



4286611584



# Same Dimension

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



4282251432



4279893917



4282248440



4285562232



4278238572



4278205731



# Inverse Universe

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



4294458765



4294908284



4294461757



4286410870



4290576465

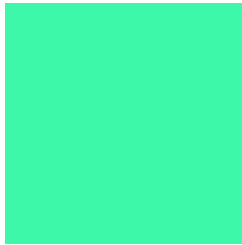


4282187802



# Previews

## White Background



This preview shows how the Android color 4282251432 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 4282251432 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

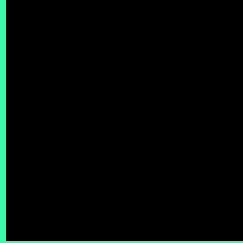
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282251432 Background



This preview shows how black text looks on a background with the Android color 4282251432.

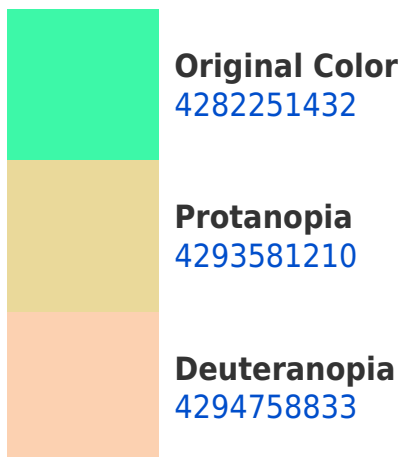


This preview shows how white text looks on a background with the Android color 4282251432.

# 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



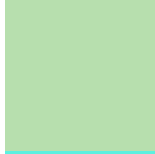
**Original Color**

4282251432



**Protanomaly**

4289455263



**Deuteranomaly**

4290240430



**Tritanomaly**

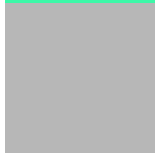
4284215519

# Monochromacy



**Original Color**

4282251432



**Achromatopsia**

4290230199



**Achromatomaly**

4287352754

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282251432 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, 248, 168)` looks like.

```
.text, #text, p{  
    color:rgb(61, 248, 168)  
}
```

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, 248, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 248, 168) }
```

## Border

The CSS property to change the border of an element to Android 4282251432 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, 248, 168) }
```

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

```
.border{ border-color:rgb(61, 248, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 248, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 248, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 248, 168);  
box-shadow:4px 4px 4px 4px rgb(61, 248,  
168) }
```

# Background

The CSS property to change the background color of an element to Android 4282251432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 248, 168) }
```

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

```
.background{ background-color: rgb(61, 248,  
168) }
```

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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