

# Converting Colors

Android(4282316458)

Have a look what the booklet for  
Android(4282316458) contains.

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# **Color**

**Android(4282316458)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EF6AA
RGB	62, 246, 170
RGB Percent	24%, 96%, 67%
CMY	0.7569, 0.0353, 0.3333
CMYK	0.75, 0.00, 0.31, 0.04
HSL	155°, 91%, 60%
HSV	155°, 75%, 96%
XYZ	42.1981, 69.8379, 49.2862
YIQ	182.3200, -85.2680, -62.6440

# Conversions

## Conversions Part 2

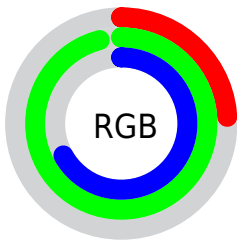
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">62, 178, 246</a>
Decimal	<a href="#">4126378</a>
CIELab	<a href="#">86.92, -62.17, 23.88</a>
CIELCh	<a href="#">87, 66.602, 158.988</a>
Yxy	<a href="#">69.8379, 0.2616, 0.4329</a>
Android (android.graphics.Color)	<a href="#">4282316458</a> ( <a href="#">0xFF3EF6AA</a> )
YUV	<a href="#">182.3200, -6.0738, -105.5206</a>
Hunter-Lab	<a href="#">83.5691, -56.1127, 23.5311</a>

# Details

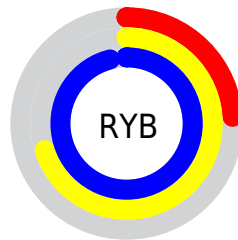
The Android color **4282316458** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **4294327946**, and the grayscale version is **4290164406**.

A 20% lighter version of the original color is **4287037410**, and **4278238325** is the 20% darker color. If you saturate the color by 10%, you get **4280678048**, and if you desaturate by 10%, it is **4283954868**.

# Distribution



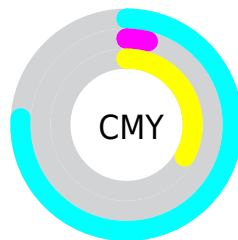
- Red (24%)
- Green (96%)
- Blue (67%)



- Red (24%)
- Yellow (70%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282316458 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 4282316458 by changing the saturation by 10% instead.



 4282316458

 4282316458

4294967295


 4278245775

 4287037410

 4278238325

 4289134590

 4278231132

 4291231743

 4278224196

 4293263359

 4278217517

 4278210839

 4278204672

 4278198272

 4278190080

 4282316458

 4282316458

 4280678048

 4283954868

 4279105174

 4285527742

 4278253200

 4287166152

 4288739027

 4290377437

 4292015847

 4293588721

 4294964987

 4294964991

# Harmonies

## Analogous

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



4289260915



4282316458



4278254059

# Triad

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



4282316458



4287290111



4294946701

# Complementary

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



4282316458



4294327946

# 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.



4294943433



4282316458



4294427135

# Square

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



4282316458



4278251007



4294945535



4294952546

# Rectangle

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



4282316458



4278253823



4294945535



4294945184

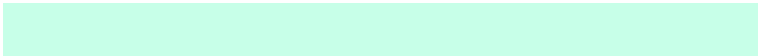


# Sweetspot

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



4282316458



4291297256



4287362622



4284383346



4278190080



4286611584



# Same Dimension

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



4282316458



4279893920



4282312694



4285430389



4278237805



4278205218



# Inverse Universe

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



4294327946



4294908280



4294331710



4286213747



4290379853

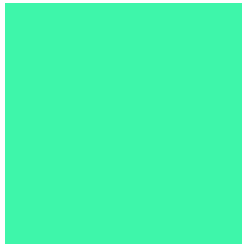


4282056728



# Previews

## White Background



This preview shows how the Android color 4282316458 looks on a white background.

## Color Contrast Check

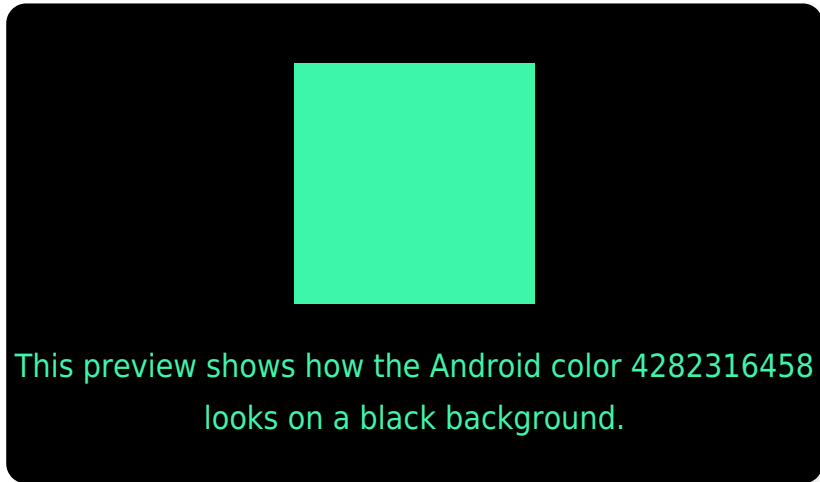
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4282316458 Background



This preview shows how black text looks on a background with the Android color 4282316458.

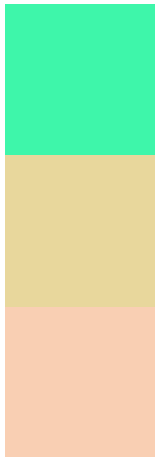


This preview shows how white text looks on a background with the Android color 4282316458.

# 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**  
4282316458

**Protanopia**  
4293449628

**Deuteranopia**  
4294561715



# Trichromacy



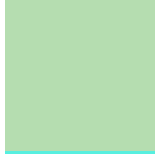
**Original Color**

4282316458



**Protanomaly**

4289389217



**Deuteranomaly**

4290108848



**Tritanomaly**

4283953119

# Monochromacy



**Original Color**

4282316458



**Achromatopsia**

4290164406



**Achromatomaly**

4287286706

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282316458 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, 246, 170)` looks like.

```
.text, #text, p{  
    color:rgb(62, 246, 170)  
}
```

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, 246, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 246, 170) }
```

## Border

The CSS property to change the border of an element to Android 4282316458 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, 246, 170) }
```

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

```
.border{ border-color:rgb(62, 246, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 246, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 246, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 246, 170);  
box-shadow:4px 4px 4px 4px rgb(62, 246,  
170) }
```

# Background

The CSS property to change the background color of an element to Android 4282316458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 246, 170) }
```

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

```
.background{ background-color: rgb(62, 246,  
170) }
```

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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