

# Converting Colors

Android(4282181223)

Have a look what the booklet for  
Android(4282181223) contains.

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# **Color**

**Android(4282181223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CE667
RGB	60, 230, 103
RGB Percent	24%, 90%, 40%
CMY	0.7647, 0.0980, 0.5961
CMYK	0.74, 0.00, 0.55, 0.10
HSL	135°, 77%, 57%
HSV	135°, 74%, 90%
XYZ	32.6085, 58.5336, 22.4114
YIQ	164.6920, -60.5530, -75.5370

# Conversions

## Conversions Part 2

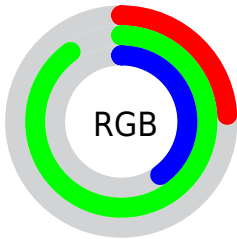
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 196, 230
Decimal	3991143
CIELab	81.03, -68.23, 49.21
CIELCh	81, 84.124, 144.195
Yxy	58.5336, 0.2872, 0.5155
Android (android.graphics.Color)	4282181223 (0xFF3CE667)
YUV	164.6920, -30.4142, -91.8149
Hunter-Lab	76.5072, -57.8084, 36.1871

# Details

The Android color `4282181223` is a dark color, and the websafe version is hex `66FF66`. The color can be described as dark washed spring green. A complement of this color would be `4293278907`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4286840733`, and `4278234418` is the 20% darker color. If you saturate the color by 10%, you get `4280673878`, and if you desaturate by 10%, it is `4283688568`.

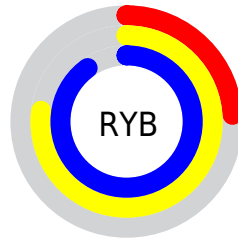
# Distribution



Red (24%)

Green (90%)

Blue (40%)



Red (24%)

Yellow (77%)

Blue (90%)

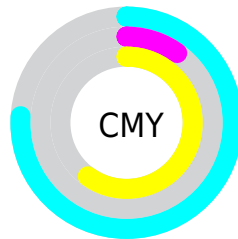


Cyan (74%)

Magenta (0%)

Yellow (55%)

Black (10%)



Cyan (76%)

Magenta (10%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282181223 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 4282181223 by changing the saturation by 10% instead.



 4282181223

 4282181223

4294967295

 4278241613

 4286840733

 4278234418

 4288872377

 4278227220

 4290904021

 4278220288

 4292935666

 4278213632

 4278207232

 4278201088

 4278191872

 4278190080

 4282181223

 4282181223

 4280673878

 4283688568

 4279166533


 4285195913

 4278249018

 4286703259

 4288210604

 4289717949

 4291225294

 4292732639

 4294239984

 4294960895

# Harmonies

## Analogous

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



4289910812



4282181223



4278250935

# Triad

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



4282181223



4278245375



4294934926

# Complementary

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



4282181223



4293278907

# 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.



4294933468



4282181223



4289379327

# Square

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



4282181223



4278249471



4294940415



4294942791

# Rectangle

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



4282181223



4278251246



4294940415



4294933159

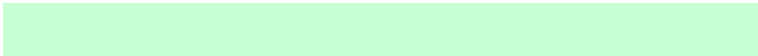


# Sweetspot

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



4282181223



4291297237



4290504252



4284383335



4278190080



4286611584



# Same Dimension

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



4282181223



4280090453



4282181307



4284969834



4278235949



4278203149



# Inverse Universe

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



4293278907



4294909126



4293278823



4285753200



4289921157



4281532454



# Previews

## White Background



This preview shows how the Android color 4282181223 looks on a white background.

## Color Contrast Check

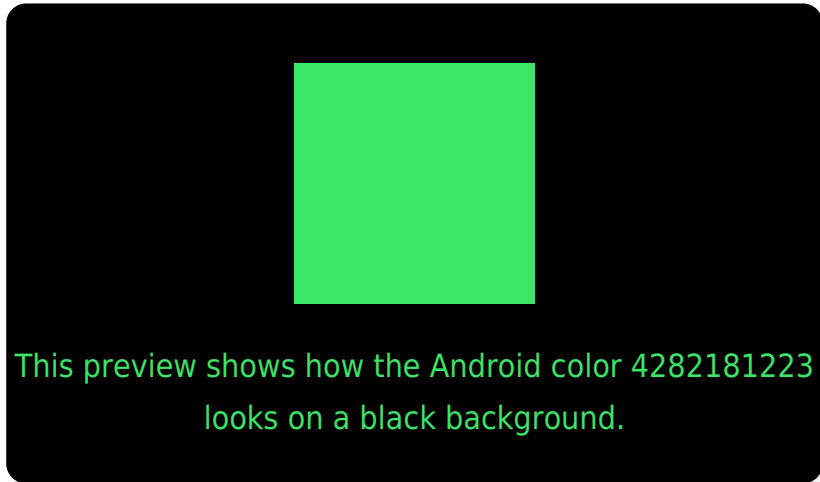
Large Text (above 18pt) WCAG AA × Fail

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 4282181223 Background



This preview shows how black text looks on a background with the Android color 4282181223.

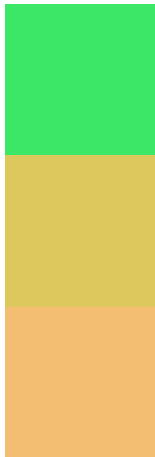


This preview shows how white text looks on a background with the Android color 4282181223.

# 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**  
4282181223

**Protanopia**  
4292724829

**Deuteranopia**  
4294164082

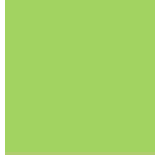


# Trichromacy



**Original Color**

4282181223



**Protanomaly**

4288861025



**Deuteranomaly**

4289777006



**Tritanomaly**

4284079546

# Monochromacy



**Original Color**

4282181223



**Achromatopsia**

4289045925



**Achromatomaly**

4286561678

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282181223 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(60, 230, 103)` looks like.

```
.text, #text, p{  
    color:rgb(60, 230, 103)  
}
```

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(60, 230, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 230, 103) }
```

## Border

The CSS property to change the border of an element to Android 4282181223 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(60, 230, 103) }
```

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

```
.border{ border-color:rgb(60, 230, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 230, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 230, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 230, 103);  
box-shadow:4px 4px 4px 4px rgb(60, 230,  
103) }
```

# Background

The CSS property to change the background color of an element to Android 4282181223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 230, 103) }
```

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

```
.background{ background-color: rgb(60, 230,  
103) }
```

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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