

# Converting Colors

Android(4282113142)

Have a look what the booklet for  
Android(4282113142) contains.

|  |    |
|--|----|
| <b>Android(4282113142)</b> .....               | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Android(4282113142)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3BDC76                       |
| RGB         | 59, 220, 118                 |
| RGB Percent | 23%, 86%, 46%                |
| CMY         | 0.7686, 0.1373, 0.5373       |
| CMYK        | 0.73, 0.00, 0.46, 0.14       |
| HSL         | 142°, 70%, 55%               |
| HSV         | 142°, 73%, 86%               |
| XYZ         | 30.6668, 53.4242, 25.8351    |
| YIQ         | 160.2330, -63.2140, -65.8540 |

# Conversions

## Conversions Part 2

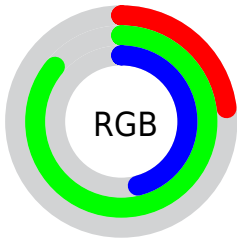
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">59, 177, 220</a>                     |
| Decimal                             | <a href="#">3923062</a>                          |
| CIELab                              | <a href="#">78.12, -62.77, 38.47</a>             |
| CIELCh                              | <a href="#">78, 73.623, 148.501</a>              |
| Yxy                                 | <a href="#">53.4242, 0.2790,<br/>0.4860</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4282113142<br/>(0xFF3BDC76)</a>      |
| YUV                                 | <a href="#">160.2330, -20.8209,<br/>-88.7813</a> |
| Hunter-Lab                          | <a href="#">73.0919, -53.0183,<br/>30.2076</a>   |

# Details

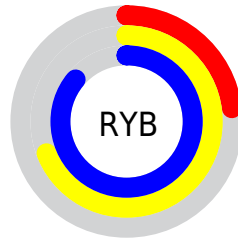
The Android color `4282113142` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4292623265`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4286644139`, and `4278232131` is the 20% darker color. If you saturate the color by 10%, you get `4280671336`, and if you desaturate by 10%, it is `4283554948`.

# Distribution



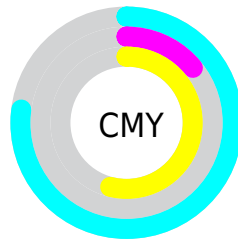
- Red (23%)
- Green (86%)
- Blue (46%)



- Red (23%)
- Yellow (69%)
- Blue (86%)



- Cyan (73%)
- Magenta (0%)
- Yellow (46%)
- Black (14%)



- Cyan (77%)
- Magenta (14%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282113142 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 4282113142 by changing the saturation by 10% instead.





4282113142



4282113142

4294967295



4278239068



4286644139



4278232131



4288675783



4278224938



4290641892



4278218256



4292673535



4278211584



4294705151



4278205184



4278199040



4278190080



4282113142



4282113142

 4280671336

 4283554948

 4279229530

 4284996754

 4278246481

 4286438560

 4287880366

 4289322172

 4290763978

 4292205784

 4293647590

 4294958323

# Harmonies

## Analogous

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



4288991293



4282113142



4278247867

# Triad

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



4282113142



4278242047



4294936708

# Complementary

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



4282113142



4292623265

# 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.



4294934728



4282113142



4290490879

# Square

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



4282113142



4278246143



4294939647



4294943307

# Rectangle

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



4282113142



4278248171



4294939647



4294935194

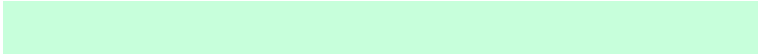


# Sweetspot

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



4282113142



4291297243



4288994363



4284383338



4278190080



4286611584



# Same Dimension

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



4282113142



4280287089



4282113220



4284706407



4278234432



4278201873



# Inverse Universe

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



4292623265



4294909869



4292623187



4285424490



4289527918

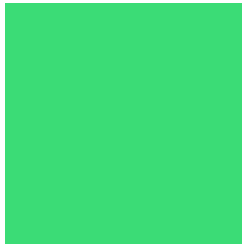


4281204765



# Previews

## White Background



This preview shows how the Android color 4282113142 looks on a white background.

## Color Contrast Check

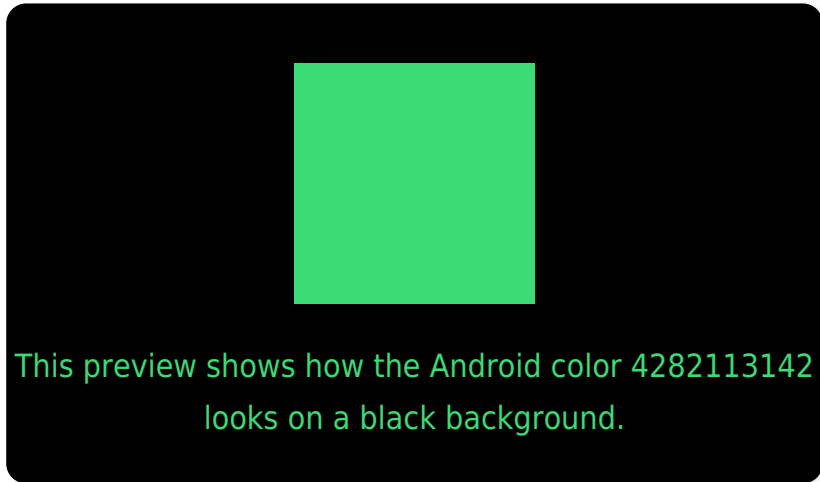
Large Text (above 18pt) WCAG AA × Fail

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 4282113142 Background



This preview shows how black text looks on a background with the Android color 4282113142.



This preview shows how white text looks on a background with the Android color 4282113142.

# 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**

4282113142



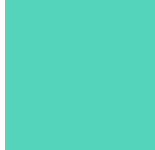
**Protanomaly**

4288399984



**Deuteranomaly**

4289250428



**Tritanomaly**

4283749562

# Monochromacy



**Original Color**

4282113142



**Achromatopsia**

4288716960



**Achromatomaly**

4286297745

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282113142 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(59, 220, 118)` looks like.

```
.text, #text, p{  
    color:rgb(59, 220, 118)  
}
```

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(59, 220, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 220, 118) }
```

## Border

The CSS property to change the border of an element to Android 4282113142 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(59, 220, 118) }
```

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

```
.border{ border-color:rgb(59, 220, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 220, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 220, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 220, 118);  
box-shadow:4px 4px 4px 4px rgb(59, 220,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4282113142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 220, 118) }
```

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

```
.background{ background-color: rgb(59, 220,  
118) }
```

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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