

Converting Colors

Android(4282244202)

Have a look what the booklet for
Android(4282244202) contains.

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Color

Android(4282244202)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3DDC6A |
| RGB | 61, 220, 106 |
| RGB Percent | 24%, 86%, 42% |
| CMY | 0.7608, 0.1373, 0.5843 |
| CMYK | 0.72, 0.00, 0.52, 0.14 |
| HSL | 137°, 69%, 55% |
| HSV | 137°, 72%, 86% |
| XYZ | 30.1192, 53.2191, 22.3205 |
| YIQ | 159.4630, -58.1700, -69.1620 |

Conversions

Conversions Part 2

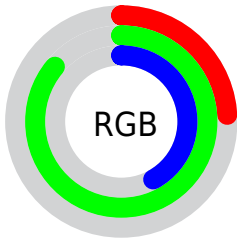
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 61, 185, 220 |
| Decimal | 4054122 |
| CIELab | 78.00, -64.31, 44.15 |
| CIELCh | 78, 78.004, 145.529 |
| Yxy | 53.2191, 0.2851, 0.5037 |
| Android (android.graphics.Color) | 4282244202 (0xFF3DDC6A) |
| YUV | 159.4630, -26.3573, -86.3521 |
| Hunter-Lab | 72.9514, -53.9684, 32.9254 |

Details

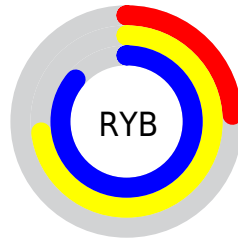
The Android color `4282244202` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark muted spring green. A complement of this color would be `4292623791`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4286709663`, and `4278231863` is the 20% darker color. If you saturate the color by 10%, you get `4280802394`, and if you desaturate by 10%, it is `4283686010`.

Distribution



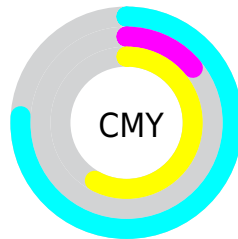
- Red (24%)
- Green (86%)
- Blue (42%)



- Red (24%)
- Yellow (73%)
- Blue (86%)



- Cyan (72%)
- Magenta (0%)
- Yellow (52%)
- Black (14%)



- Cyan (76%)
- Magenta (14%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color #4282244202 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 #4282244202 by changing the saturation by 10% instead.



4282244202



4282244202

4294967295



4278239056



4286709663



4278231863



4288741307



4278224924



4290772951



4278218240



4292739060



4278211584



4294770687



4278205184



4278199040



4278190080



4282244202



4282244202

 4280802394

 4283686010

 4279360586

 4285127818

 4278246462

 4286569625

 4288011433

 4289453241

 4290895049

 4292336856

 4293778664

 4294958328

Harmonies

Analogous

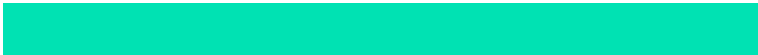
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289253163



4282244202



4278248115

Triad

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



4282244202



4278242815



4294934919

Complementary

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



4282244202



4292623791

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.



4294933199



4282244202



4289508095

Square

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



4282244202



4278246655



4294939391



4294942024

Rectangle

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



4282244202



4278248422



4294939391



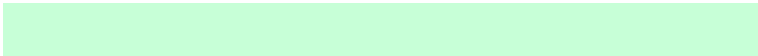
4294933406

Sweetspot

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



4282244202



4291297239



4289911869



4284383336



4278190080



4286611584

Same Dimension

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



4282244202



4280418144



4282244279



4284706406



4278234417



4278201869

Inverse Universe

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



4292623791



4294910400



4292623714



4285424491



4289527932



4281204769

Previews

White Background



This preview shows how the Android color 4282244202 looks on a white background.

Color Contrast Check

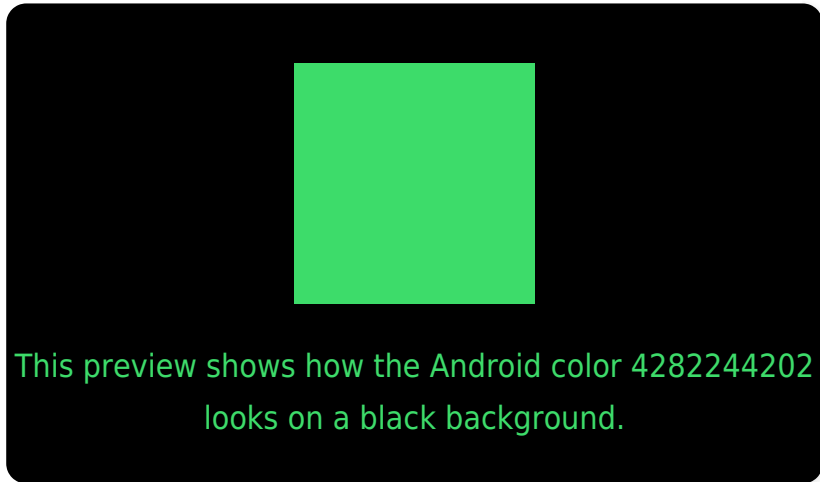
Large Text (above 18pt) WCAG AA × Fail

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

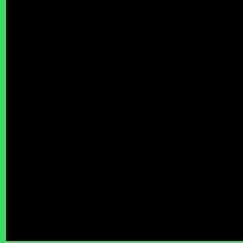
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

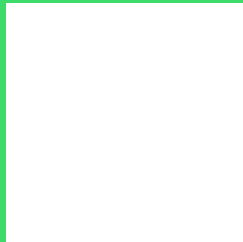
Any Text WCAG AAA ✓ Pass

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

Android 4282244202 Background



This preview shows how black text looks on a background with the Android color 4282244202.

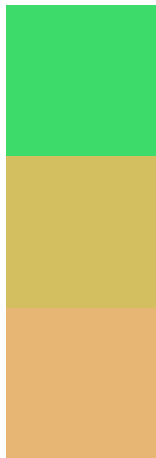


This preview shows how white text looks on a background with the Android color 4282244202.

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](#).

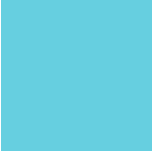
Dichromacy



Original Color
4282244202

Protanopia
4292067168

Deuteranopia
4293441140



Tritanopia
4284927968

Trichromacy



Original Color

4282244202



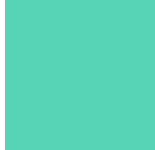
Protanomaly

4288465508



Deuteranomaly

4289381488



Tritanomaly

4283946165

Monochromacy



Original Color

4282244202



Achromatopsia

4288651167



Achromatomaly

4286297484

CSS Examples

Text

The CSS property to change the color of the text to Android 4282244202 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, 220, 106)` looks like.

```
.text, #text, p{  
    color:rgb(61, 220, 106)  
}
```

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, 220, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 220, 106) }
```

Border

The CSS property to change the border of an element to Android 4282244202 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, 220, 106) }
```

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

```
.border{ border-color:rgb(61, 220, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 220, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 220, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 220, 106);  
box-shadow:4px 4px 4px 4px rgb(61, 220,  
106) }
```

Background

The CSS property to change the background color of an element to Android 4282244202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 220, 106) }
```

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

```
.background{ background-color: rgb(61, 220,  
106) }
```

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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