

Converting Colors

Android(4283214178)

Have a look what the booklet for
Android(4283214178) contains.

Android(4283214178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283214178)

Conversions

Conversions Part 1

Format	Color
Hex	4CA962
RGB	76, 169, 98
RGB Percent	30%, 66%, 38%
CMY	0.7020, 0.3373, 0.6157
CMYK	0.55, 0.00, 0.42, 0.34
HSL	134°, 38%, 48%
HSV	134°, 55%, 66%
XYZ	19.3731, 30.7943, 16.4781
YIQ	133.0990, -32.6370, -41.7970

Conversions

Conversions Part 2

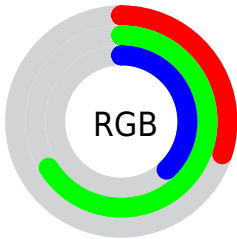
Format	Color
RYB	76, 151, 169
Decimal	5024098
CIELab	62.33, -43.39, 28.48
CIELCh	62, 51.900, 146.723
Yxy	30.7943, 0.2907, 0.4621
Android (android.graphics.Color)	4283214178 (0xFF4CA962)
YUV	133.0990, -17.3038, -50.0758
Hunter-Lab	55.4926, -34.7958, 21.2391

Details

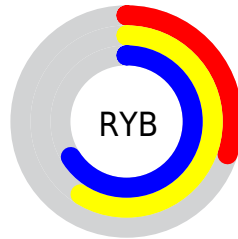
The Android color `4283214178` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289285267`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4286898582`, and `4278416434` is the 20% darker color. If you saturate the color by 10%, you get `4282100053`, and if you desaturate by 10%, it is `4284328303`.

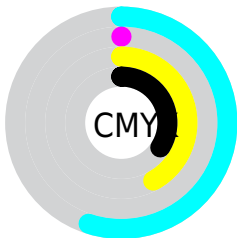
Distribution



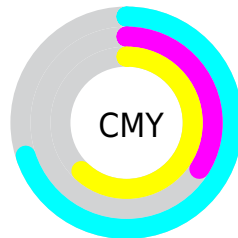
- Red (30%)
- Green (66%)
- Blue (38%)



- Red (30%)
- Yellow (59%)
- Blue (66%)



- Cyan (55%)
- Magenta (0%)
- Yellow (42%)
- Black (34%)



- Cyan (70%)
- Magenta (34%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283214178 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 4283214178 by changing the saturation by 10% instead.

 4283214178

 4283214178

4294967295

 4281241162

 4286898582

 4278416434

 4288741040

 4278213403

 4290576332

 4278206979

 4292476904

 4278201344

 4294443007

 4278193920

 4278190080

 4283214178

 4283214178

 4282100053

 4284328303

 4280985928

 4285442428

 4279871803

 4286556553

 4278757678

 4287670678

 4278233384

 4288719267

 4289833391

 4290947516

 4292061641

 4293175766

Harmonies

Analogous

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



4287144000



4283214178



4278234512

Triad

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



4283214178



4279606770



4293620336

Complementary

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



4283214178



4289285267

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.



4293422750



4283214178



4287663593

Square

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



4283214178



4278233315



4291459786



4292378954

Rectangle

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



4283214178



4278234800



4291459786



4293685119

Sweetspot

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



4283214178



4290173887



4287867212



4283985501



4293783021



4285427310

Same Dimension

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



4283214178



4283161453



4283214224



4283192398



4278228003



4278195205

Inverse Universe

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



4289285267



4292561849



4289285221



4283714642



4287889521



4279500816

Previews

White Background



This preview shows how the Android color 4283214178 looks on a white background.

Color Contrast Check

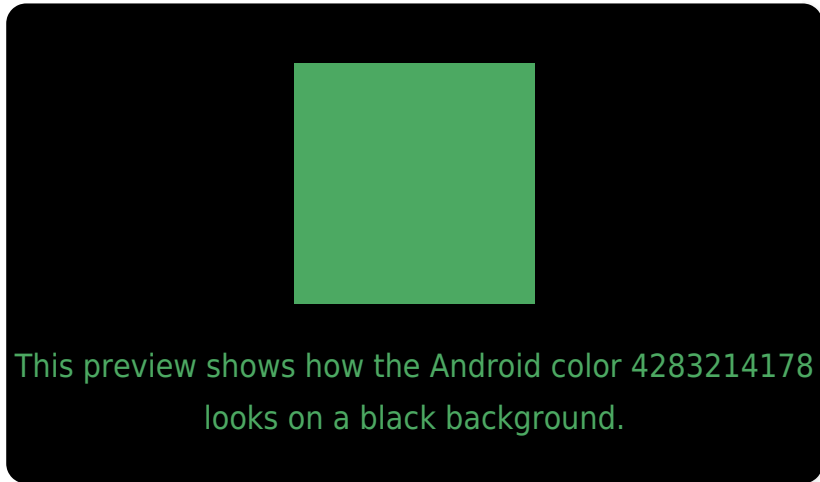
Large Text (above 18pt) WCAG AA × Fail

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

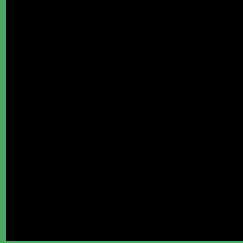
Any Text WCAG AA ✓ Pass

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 4283214178 Background



This preview shows how black text looks on a background with the Android color 4283214178.



This preview shows how white text looks on a background with the Android color 4283214178.

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

4283214178



Protanomaly

4286881118



Deuteranomaly

4287535206



Tritanomaly

4283999122

Monochromacy



Original Color

4283214178



Achromatopsia

4286940549



Achromatomaly

4285567608

CSS Examples

Text

The CSS property to change the color of the text to Android 4283214178 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(76, 169, 98)` looks like.

```
.text, #text, p{  
    color:rgb(76, 169, 98)  
}
```

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(76, 169, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 169, 98) }
```

Border

The CSS property to change the border of an element to Android 4283214178 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(76, 169, 98) }
```

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

```
.border{ border-color:rgb(76, 169, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 169, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 169, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 169, 98);  
box-shadow:4px 4px 4px 4px rgb(76, 169,  
98) }
```

Background

The CSS property to change the background color of an element to Android 4283214178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 169, 98) }
```

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

```
.background{ background-color: rgb(76, 169,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor