

Converting Colors

Android(4282895203)

Have a look what the booklet for
Android(4282895203) contains.

Android(4282895203)	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(4282895203)

Conversions

Conversions Part 1

Format	Color
Hex	47CB63
RGB	71, 203, 99
RGB Percent	28%, 80%, 39%
CMY	0.7216, 0.2039, 0.6118
CMYK	0.65, 0.00, 0.51, 0.20
HSL	133°, 56%, 54%
HSV	133°, 65%, 80%
XYZ	26.2066, 44.9523, 19.0998
YIQ	151.6760, -45.2880, -60.3280

Conversions

Conversions Part 2

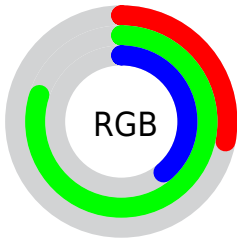
Format	Color
RYB	71, 180, 203
Decimal	4705123
CIELab	72.86, -57.59, 41.25
CIELCh	73, 70.837, 144.385
Yxy	44.9523, 0.2903, 0.4980
Android (android.graphics.Color)	4282895203 (0xFF47CB63)
YUV	151.6760, -25.9693, -70.7529
Hunter-Lab	67.0465, -47.5607, 30.0424

Details

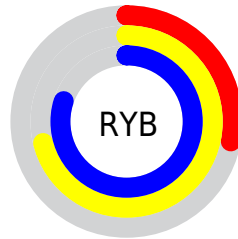
The Android color `4282895203` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4291512239`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4286971800`, and `4278228016` is the 20% darker color. If you saturate the color by 10%, you get `4281584467`, and if you desaturate by 10%, it is `4284205939`.

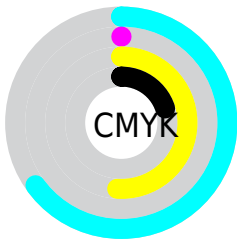
Distribution



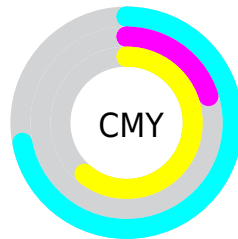
- Red (28%)
- Green (80%)
- Blue (39%)



- Red (28%)
- Yellow (71%)
- Blue (80%)



- Cyan (65%)
- Magenta (0%)
- Yellow (51%)
- Black (20%)



- Cyan (72%)
- Magenta (20%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282895203 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 4282895203 by changing the saturation by 10% instead.

 4282895203

 4282895203

4294967295

 4280266570

 4286971800

 4278228016

 4288937907

 4278221078

 4290904015

 4278214400

 4292870124

 4278208000

 4294836223


 4278202112

 4278194688

 4278190080

 4282895203

 4282895203

 4281584467

 4284205939

 4280208195

 4285582211

 4278897459

 4286892947

 4278242091

 4288203683

 4289579955

 4290890691

 4292201427

 4293512163

 4294888435

Harmonies

Analogous

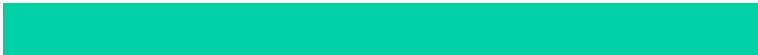
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288724782



4282895203



4278243748

Triad

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



4282895203



4278238975



4294933121

Complementary

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



4282895203



4291512239

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.



4294931906



4282895203



4288522239

Square

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



4282895203



4278242559



4294347519



4294939209

Rectangle

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



4282895203



4278244049



4294347519



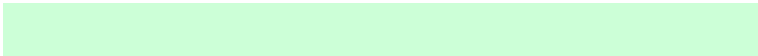
4294931862

Sweetspot

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



4282895203



4291624919



4289841991



4284579943



4278190080



4286611584

Same Dimension

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



4282895203



4281925474



4282895267



4284245598



4278232611



4278199816

Inverse Universe

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



4291512239



4294916309



4291512175



4284898404



4289069187



4280680478

Previews

White Background



This preview shows how the Android color 4282895203 looks on a white background.

Color Contrast Check

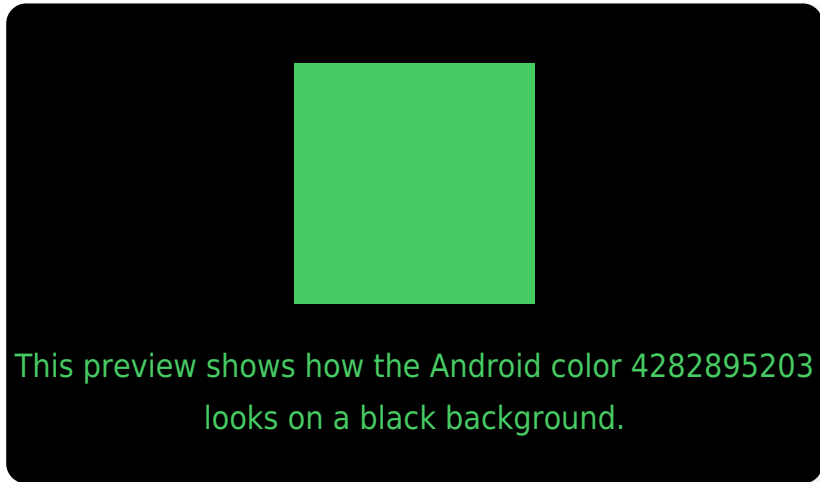
Large Text (above 18pt) WCAG AA × Fail

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

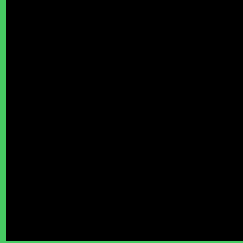
Any Text WCAG AA ✓ Pass

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 4282895203 Background



This preview shows how black text looks on a background with the Android color 4282895203.



This preview shows how white text looks on a background with the Android color 4282895203.

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

4282895203



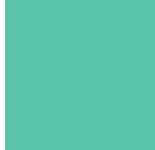
Protanomaly

4288133981



Deuteranomaly

4288918889



Tritanomaly

4284203944

Monochromacy



Original Color

4282895203



Achromatopsia

4288190616



Achromatomaly

4286294917

CSS Examples

Text

The CSS property to change the color of the text to Android 4282895203 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(71, 203, 99)` looks like.

```
.text, #text, p{  
    color:rgb(71, 203, 99)  
}
```

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(71, 203, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 203, 99) }
```

Border

The CSS property to change the border of an element to Android 4282895203 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(71, 203, 99) }
```

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

```
.border{ border-color:rgb(71, 203, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 203, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 203, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 203, 99);  
box-shadow:4px 4px 4px 4px rgb(71, 203,  
99) }
```

Background

The CSS property to change the background color of an element to Android 4282895203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 203, 99) }
```

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

```
.background{ background-color: rgb(71, 203,  
99) }
```

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