

Converting Colors

Android(4291483777)

Have a look what the booklet for
Android(4291483777) contains.

Android(4291483777)	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(4291483777)

Conversions

Conversions Part 1

Format	Color
Hex	CAD881
RGB	202, 216, 129
RGB Percent	79%, 85%, 51%
CMY	0.2078, 0.1529, 0.4941
CMYK	0.06, 0.00, 0.40, 0.15
HSL	70°, 53%, 68%
HSV	70°, 40%, 85%
XYZ	52.8754, 63.2533, 30.1911
YIQ	201.8960, 19.5830, -30.0250

Conversions

Conversions Part 2

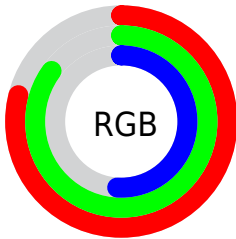
Format	Color
R _{YB}	129, 216, 143
Decimal	13293697
CIE _{Lab}	83.58, -17.98, 41.26
CIE _{LCh}	84, 45.013, 113.548
Yxy	63.2533, 0.3614, 0.4323
Android (android.graphics.Color)	4291483777 (0xFFCAD881)
YUV	201.8960, -35.9377, 0.0912
Hunter-Lab	79.5319, -20.5082, 33.1652

Details

The Android color `4291483777` is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be `4287594968`, and the grayscale version is `4291480266`.

A 20% lighter version of the original color is `4294967223`, and `4287865166` is the 20% darker color. If you saturate the color by 10%, you get `4291287147`, and if you desaturate by 10%, it is `4291680407`.

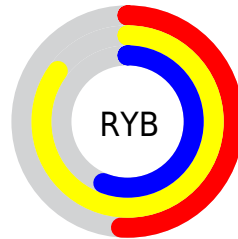
Distribution



Red (79%)

Green (85%)

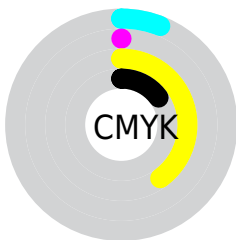
Blue (51%)



Red (51%)

Yellow (85%)

Blue (56%)

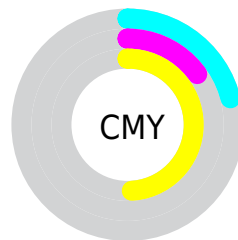


Cyan (6%)

Magenta (0%)

Yellow (40%)

Black (15%)



Cyan (21%)

Magenta (15%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291483777 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 4291483777 by changing the saturation by 10% instead.



4291483777



4291483777

4294967295



4289641575



4294967223



4287865166



4294967251



4286089013



4294967280



4284378652



4282733824



4281155072



4279511040



4278195456



4278190080

■ 4291483777

■ 4291483777

■ 4291287147

■ 4291680407

■ 4291024982

■ 4291942572

■ 4290828352

■ 4292139202

■ 4290566187

■ 4292401367

■ 4290369557

■ 4292597997

■ 4290107392

■ 4292860159

■ 4293056767

■ 4293318911

■ 4293515519

Harmonies

Analogous

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



4294232956



4291483777



4288274844

Triad

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



4291483777



4281066239



4294947035

Complementary

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



4291483777



4287594968

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.



4294818303



4291483777



4286699519

Square

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



4291483777



4278970097



4291348991



4294947249

Rectangle

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



4291483777



4285785527



4291348991



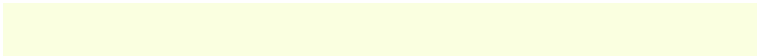
4294947561

Sweetspot

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



4291483777



4294639584



4292382337



4286414958



4278190080



4286611584

Same Dimension

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



4291483777



4293656453



4288665729



4285098848



4287605504



4280560384

Inverse Universe

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



4287594968



4288185855



4290413016



4284637291



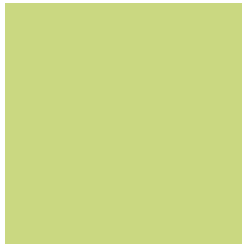
4279959723



4278648875

Previews

White Background



This preview shows how the Android color 4291483777 looks on a white background.

Color Contrast Check

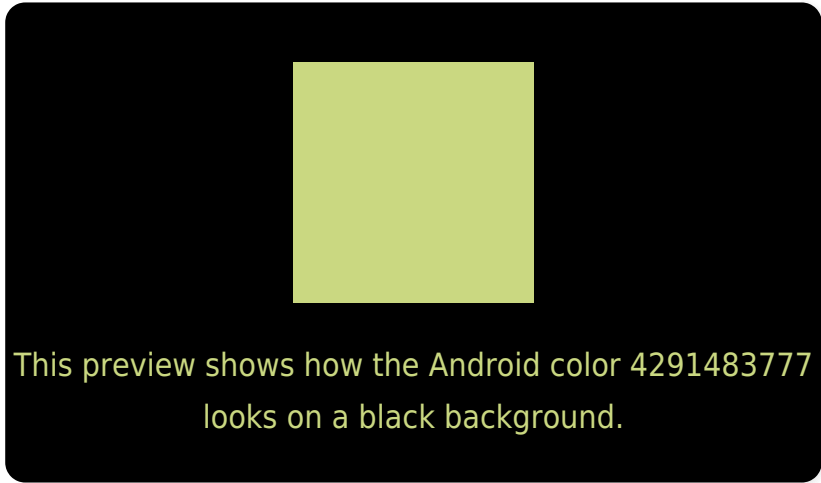
Large Text (above 18pt) WCAG AA × Fail

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

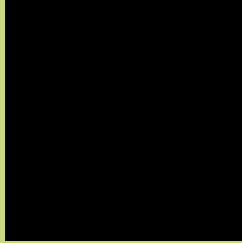
Any Text WCAG AA ✓ Pass

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 4291483777 Background



This preview shows how black text looks on a background with the Android color 4291483777.



This preview shows how white text looks on a background with the Android color 4291483777.

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
4291483777

Protanopia
4293120126

Deuteranopia
4294690693

Trichromacy



Original Color
4291483777

Protanomaly
4292531071

Deuteranomaly
4293512580

Tritanomaly
4291940796

Monochromacy



Original Color
4291483777

Achromatopsia
4291480266

Achromatomaly
4291481519

CSS Examples

Text

The CSS property to change the color of the text to Android 4291483777 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(202, 216, 129)` looks like.

```
.text, #text, p{  
    color:rgb(202, 216, 129)  
}
```

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(202, 216, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 216, 129) }
```

Border

The CSS property to change the border of an element to Android 4291483777 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(202, 216, 129) }
```

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

```
.border{ border-color:rgb(202, 216, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 216, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 216, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 216, 129);  
box-shadow:4px 4px 4px 4px rgb(202, 216,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4291483777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 216, 129) }
```

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

```
.background{ background-color: rgb(202,  
216, 129) }
```

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