

Converting Colors

Android(4283279477)

Have a look what the booklet for
Android(4283279477) contains.

Android(4283279477)	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(4283279477)

Conversions

Conversions Part 1

Format	Color
Hex	4DA875
RGB	77, 168, 117
RGB Percent	30%, 66%, 46%
CMY	0.6980, 0.3412, 0.5412
CMYK	0.54, 0.00, 0.30, 0.34
HSL	146°, 37%, 48%
HSV	146°, 54%, 66%
XYZ	20.2741, 30.8674, 21.7191
YIQ	134.9770, -37.8650, -35.1530

Conversions

Conversions Part 2

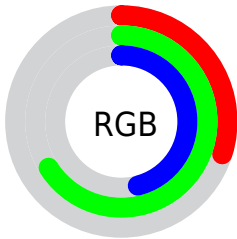
Format	Color
RYB	77, 140, 168
Decimal	5089397
CIELab	62.40, -39.16, 18.31
CIELCh	62, 43.232, 154.947
Yxy	30.8674, 0.2783, 0.4237
Android (android.graphics.Color)	4283279477 (0xFF4DA875)
YUV	134.9770, -8.8627, -50.8458
Hunter-Lab	55.5584, -32.0900, 15.7131

Details

The Android color `4283279477` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289219968`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4286898345`, and `4278743876` is the 20% darker color. If you saturate the color by 10%, you get `4282165356`, and if you desaturate by 10%, it is `4284393598`.

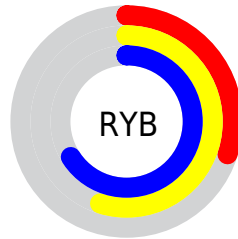
Distribution



Red (30%)

Green (66%)

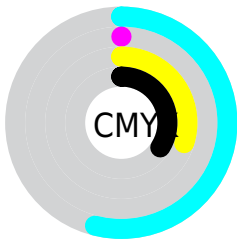
Blue (46%)



Red (30%)

Yellow (55%)

Blue (66%)

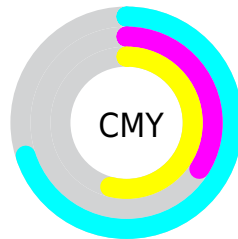


Cyan (54%)

Magenta (0%)

Yellow (30%)

Black (34%)



Cyan (70%)

Magenta (34%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283279477 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 4283279477 by changing the saturation by 10% instead.



4283279477



4283279477

4294967295



4281371996



4286898345



4278743876



4288740805



4278213166



4290641889



4278207000



4292542461



4278201088



4294443007



4278193920



4278190080



4283279477



4283279477



4282165356



4284393598

 4281051234

 4285507720

 4280002649

 4286556305


 4278888527

 4287670427

 4278233162

 4288784548

 4289898669

 4291012791

 4292061376

 4293175498

Harmonies

Analogous

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



4286619990



4283279477



4278234012

Triad

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



4283279477



4284717539



4292639853

Complementary

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



4283279477



4289219968

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.



4292769682



4283279477



4288907990

Square

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



4283279477



4278232028



4291591608



4291332434

Rectangle

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



4283279477



4278233782



4291591608



4292835961

Sweetspot

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



4283279477



4290304968



4286687309



4284051042



4293783021



4285427310

Same Dimension

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



4283279477



4283292555



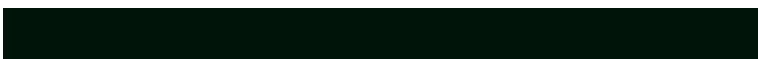
4283279522



4283192399



4278228033



4278195209

Inverse Universe

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



4289219968



4292562333



4289219923



4283714640



4287889491



4279500811

Previews

White Background



This preview shows how the Android color 4283279477 looks on a white background.

Color Contrast Check

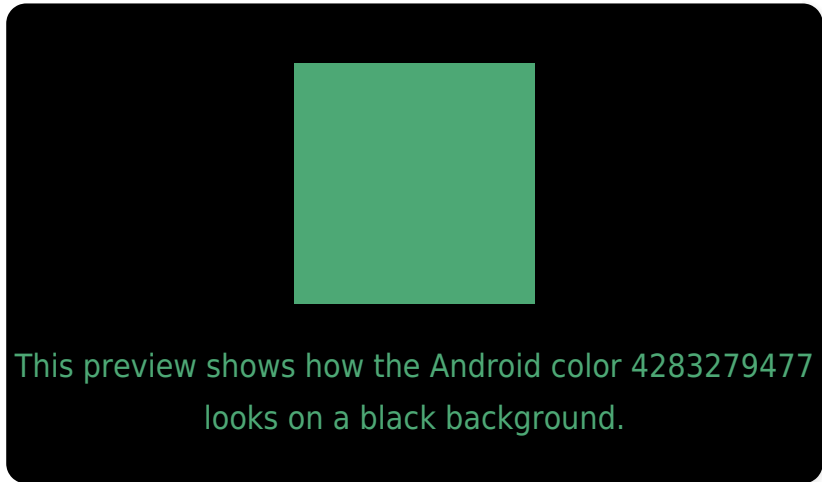
Large Text (above 18pt) WCAG AA × Fail

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

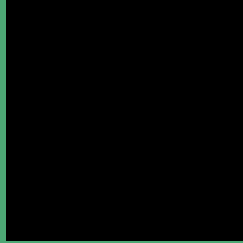
Any Text WCAG AA ✓ Pass

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 4283279477 Background



This preview shows how black text looks on a background with the Android color 4283279477.



This preview shows how white text looks on a background with the Android color 4283279477.

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

4283279477



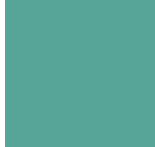
Protanomaly

4286750064



Deuteranomaly

4287338872



Tritanomaly

4283933849

Monochromacy



Original Color

4283279477



Achromatopsia

4287072135



Achromatomaly

4285698944

CSS Examples

Text

The CSS property to change the color of the text to Android 4283279477 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(77, 168, 117)` looks like.

```
.text, #text, p{  
    color:rgb(77, 168, 117)  
}
```

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(77, 168, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 168, 117) }
```

Border

The CSS property to change the border of an element to Android 4283279477 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(77, 168, 117) }
```

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

```
.border{ border-color:rgb(77, 168, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 168, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 168, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 168, 117);  
box-shadow:4px 4px 4px 4px rgb(77, 168,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4283279477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 168, 117) }
```

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

```
.background{ background-color: rgb(77, 168,  
117) }
```

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