

Converting Colors

Android(4279554975)

Have a look what the booklet for
Android(4279554975) contains.

Android(4279554975)	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(4279554975)

Conversions

Conversions Part 1	
Format	Color
Hex	14D39F
RGB	20, 211, 159
RGB Percent	8%, 83%, 62%
CMY	0.9216, 0.1725, 0.3765
CMYK	0.91, 0.00, 0.25, 0.17
HSL	164°, 83%, 45%
HSV	164°, 91%, 83%
XYZ	29.8408, 49.2405, 40.7325
YIQ	147.9630, -97.1440, -56.6640

Conversions

Conversions Part 2

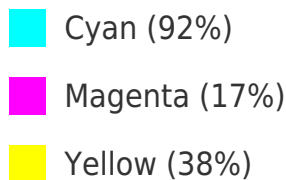
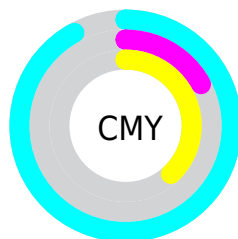
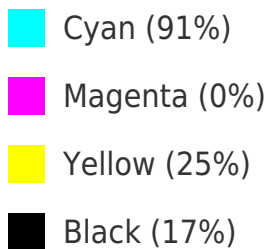
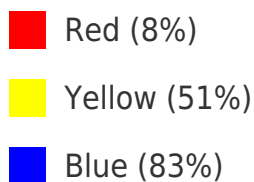
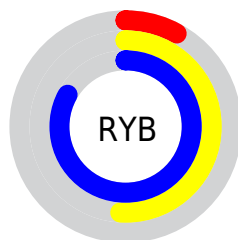
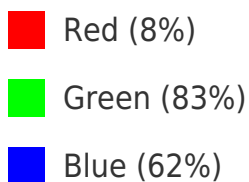
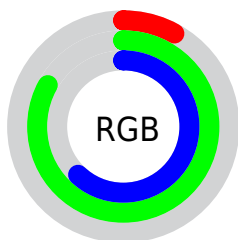
Format	Color
RYB	20, 131, 211
Decimal	1364895
CIELab	75.60, -55.00, 13.82
CIELCh	76, 56.712, 165.892
Yxy	49.2405, 0.2491, 0.4110
Android (android.graphics.Color)	4279554975 (0xFF14D39F)
YUV	147.9630, 5.4412, -112.2236
Hunter-Lab	70.1715, -46.8923, 14.7040

Details

The Android color **4279554975** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **4292023368**, and the grayscale version is **4287927444**.

A 20% lighter version of the original color is **4285333462**, and **4278229867** is the 20% darker color. If you saturate the color by 10%, you get **4278244250**, and if you desaturate by 10%, it is **4280931237**.
















Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4279554975 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 4279554975 by changing the saturation by 10% instead.

 4279554975	 4279554975
4294967295	 4278237061
 4285333462	 4278229867
 4287430642	 4278222931
 4289527807	 4278216252
 4291559423	 4278209830
 4293591039	 4278203665
	 4278197248
	 4278190080

 4279554975	 4279554975
--	--

 4278244250

 4280931237

 4282307498

 4283683760

 4285060022

 4286436284

 4287878081

 4289254343

 4290630605

 4292006867

Harmonies

Analogous

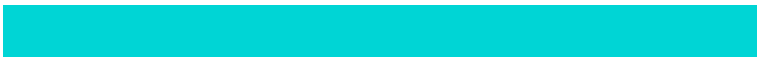
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286762095



4279554975



4278244821

Triad

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



4279554975



4287936255



4294941553

Complementary

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



4279554975



4292023368

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.



4294938272



4279554975



4293042687

Square

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



4279554975



4278241279



4294939093



4293766994

Rectangle

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



4279554975



4278244342



4294939093



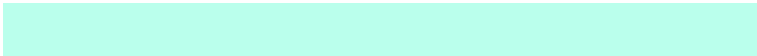
4294940288

Sweetspot

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



4279554975



4290445292



4283093780



4283924596



4278190080



4286611584

Same Dimension

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



4279554975



4278255546



4279544531



4284377446



4278233210



4278200606

Inverse Universe

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



4292023368



4294901829



4292033812



4285095521



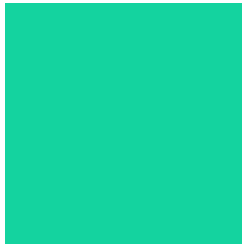
4289200174



4280877067

Previews

White Background



This preview shows how the Android color 4279554975 looks on a white background.

Color Contrast Check

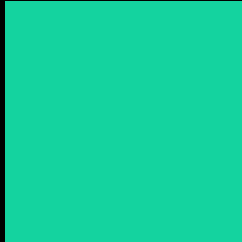
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4279554975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

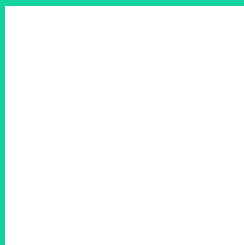
Any Text WCAG AAA ✓ Pass

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

Android 4279554975 Background



This preview shows how black text looks on a background with the Android color 4279554975.

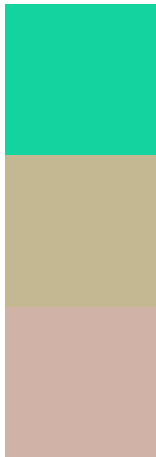


This preview shows how white text looks on a background with the Android color 4279554975.

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](#).

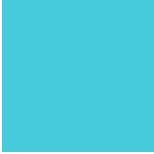
Dichromacy



Original Color
4279554975

Protanopia
4291082386

Deuteranopia
4291932838



Tritanopia
4282764251

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4279554975 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(20, 211, 159)` looks like.

```
.text, #text, p{  
    color:rgb(20, 211, 159)  
}
```

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(20, 211, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 211, 159) }
```

Border

The CSS property to change the border of an element to Android 4279554975 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(20, 211, 159) }
```

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

```
.border{ border-color:rgb(20, 211, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 211, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 211, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 211, 159);  
box-shadow:4px 4px 4px 4px rgb(20, 211,  
159) }
```

Background

The CSS property to change the background color of an element to Android 4279554975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(20, 211, 159) }
```

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

```
.background{ background-color:rgb(20, 211,  
159) }
```

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