

Converting Colors

Android(4281587415)

Have a look what the booklet for
Android(4281587415) contains.

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Color

Android(4281587415)

Conversions

Conversions Part 1	
Format	Color
Hex	33D6D7
RGB	51, 214, 215
RGB Percent	20%, 84%, 84%
CMY	0.8000, 0.1608, 0.1569
CMYK	0.76, 0.00, 0.00, 0.16
HSL	180°, 67%, 52%
HSV	180°, 76%, 84%
XYZ	37.6775, 53.7032, 72.6699
YIQ	165.3770, -97.4690, -34.2450

Conversions

Conversions Part 2

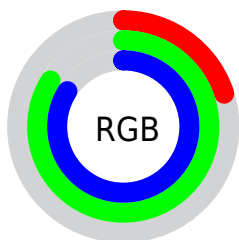
Format	Color
RYB	51, 133, 215
Decimal	3397335
CIELab	78.29, -39.12, -12.22
CIELCh	78, 40.981, 197.342
Yxy	53.7032, 0.2297, 0.3274
Android (android.graphics.Color)	4281587415 (0xFF33D6D7)
YUV	165.3770, 24.4641, -100.3086
Hunter-Lab	73.2825, -36.4702, -7.4967

Details

The Android color **4281587415** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **4292293683**, and the grayscale version is **4289045925**.

A 20% lighter version of the original color is **4286447615**, and **4278230944** is the 20% darker color. If you saturate the color by 10%, you get **4280211159**, and if you desaturate by 10%, it is **4283029207**.

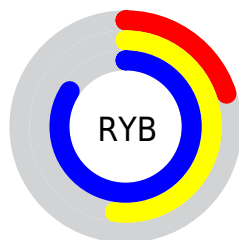
Distribution



Red (20%)

Green (84%)

Blue (84%)



Red (20%)

Yellow (52%)

Blue (84%)

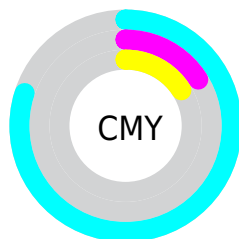


Cyan (76%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (80%)


















Magenta (16%)


Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the Android color 4281587415 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 4281587415 by changing the saturation by 10% instead.

 4281587415	 4281587415
 4294967295	 4278237883
 4286447615	 4278230944
 4288544767	 4278224006
 4290641919	 4278217325
 4292673535	 4278210901
 4294705151	 4278204734
	 4278199592
	 4278190356
	 4278190080

 4281587415

 4281587415

 4280211159

 4283029207

 4278769367

 4284405463


 4278245079

 4285847255

 4287223767

 4288665559

 4290041815

 4291483607

 4292859863

 4294301655

Harmonies

Analogous

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



4285126064



4281587415



4281193208

Triad

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



4281587415



4292980982



4293507703

Complementary

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



4281587415



4292293683

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.



4294946187



4281587415



4294944467

Square

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



4281587415



4289642239



4294944173



4291151480

Rectangle

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



4281587415



4284009983



4294944173



4294161788

Sweetspot

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



4281587415



4291100671



4281587507



4284252032



4278190080



4286611584

Same Dimension

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



4281587415



4279566079



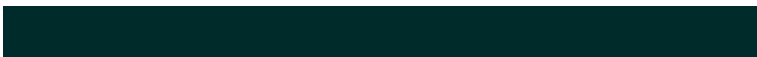
4281566679



4284509035



4278233771



4278201131

Inverse Universe

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



4292293590



4294907134



4292314419



4285227115



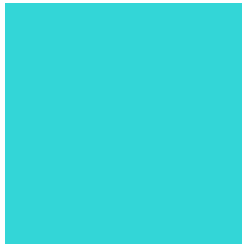
4289396906



4281008171

Previews

White Background



This preview shows how the Android color 4281587415 looks on a white background.

Color Contrast Check

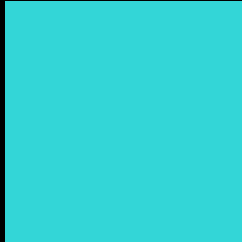
Large Text (above 18pt) WCAG AA × Fail

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 4281587415 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

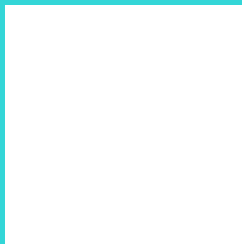
Any Text WCAG AAA ✓ Pass

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

Android 4281587415 Background



This preview shows how black text looks on a background with the Android color 4281587415.

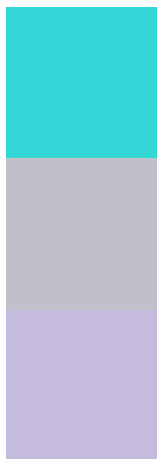


This preview shows how white text looks on a background with the Android color 4281587415.

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](#).

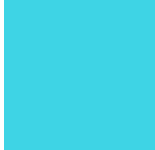
Dichromacy



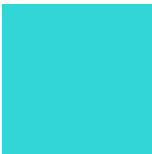
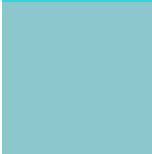
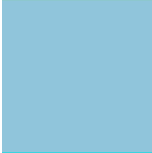
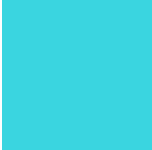
Original Color
4281587415

Protanopia
4290887625

Deuteranopia
4291148765



Trichromacy

	Original Color 4281587415
	Protanomaly 4287481806
	Deuteranomaly 4287677915
	Tritanomaly 4282045920

Monochromacy

	Original Color 4281587415
	Achromatopsia 4289045925
	Achromatomaly 4286363575

CSS Examples

Text

The CSS property to change the color of the text to Android 4281587415 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(51, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(51, 214, 215)  
}
```

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(51, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 214, 215) }
```

Border

The CSS property to change the border of an element to Android 4281587415 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(51, 214, 215) }
```

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

```
.border{ border-color:rgb(51, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(51, 214,  
215) }
```

Background

The CSS property to change the background color of an element to Android 4281587415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(51, 214, 215) }
```

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

```
.background{ background-color:rgb(51, 214,  
215) }
```

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](#).

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