

Converting Colors

Android(4280932005)

Have a look what the booklet for
Android(4280932005) contains.

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Color

Android(4280932005)

Conversions

Conversions Part 1

Format	Color
Hex	29D6A5
RGB	41, 214, 165
RGB Percent	16%, 84%, 65%
CMY	0.8392, 0.1608, 0.3529
CMYK	0.81, 0.00, 0.23, 0.16
HSL	163°, 68%, 50%
HSV	163°, 81%, 84%
XYZ	31.7525, 51.2812, 43.8220
YIQ	156.6870, -87.3790, -51.9150

Conversions

Conversions Part 2

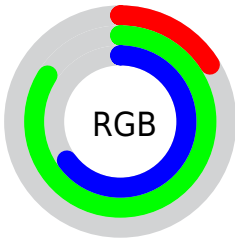
Format	Color
RYB	41, 142, 214
Decimal	2741925
CIELab	76.85, -53.27, 12.42
CIELCh	77, 54.703, 166.876
Yxy	51.2812, 0.2503, 0.4042
Android (android.graphics.Color)	4280932005 (0xFF29D6A5)
YUV	156.6870, 4.0983, -101.4575
Hunter-Lab	71.6109, -46.1714, 13.8453

Details

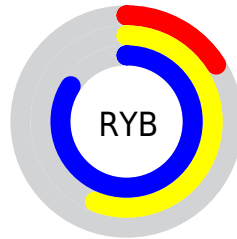
The Android color `4280932005` is a dark color, and the websafe version is hex `00CC99`. The color can be described as middle washed spring green. A complement of this color would be `4292225370`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4285923292`, and `4278230641` is the 20% darker color. If you saturate the color by 10%, you get `4279555743`, and if you desaturate by 10%, it is `4282308267`.

Distribution



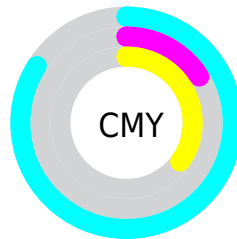
- Red (16%)
- Green (84%)
- Blue (65%)



- Red (16%)
- Yellow (56%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280932005 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 4280932005 by changing the saturation by 10% instead.



4280932005



4280932005

4294967295



4278237835



4285923292



4278230641



4287954937



4278223705



4289986559



4278217025



4292018175



4278210347



4294049791



4278204182



4278198272



4278190080



4280932005



4280932005

■ 4279555743

■ 4282308267

■ 4278245017

■ 4283750065

■ 4285126327

■ 4286568125

■ 4287944387

■ 4289320649

■ 4290762447

■ 4292138709

■ 4293580508

Harmonies

Analogous

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



4287025270



4280932005



4278245337

Triad

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



4280932005



4288526847



4294943094

Complementary

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



4280932005



4292225370

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.



4294939811



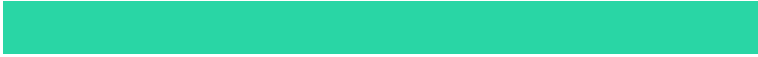
4280932005



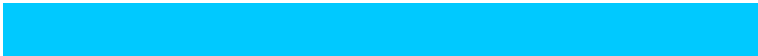
4293305855

Square

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



4280932005



4278241791



4294940374



4293899097

Rectangle

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



4280932005



4278244857



4294940374



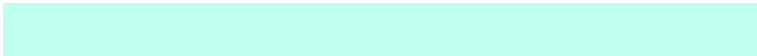
4294941572

Sweetspot

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



4280932005



4290969582



4284143145



4284186741



4278190080



4286611584

Same Dimension

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



4280932005



4278779833



4280922582



4284509032



4278233978



4278201119

Inverse Universe

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



4292225370



4294903886



4292234793



4285227107



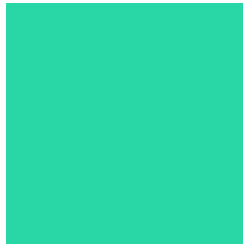
4289396784



4281008140

Previews

White Background



This preview shows how the Android color 4280932005 looks on a white background.

Color Contrast Check

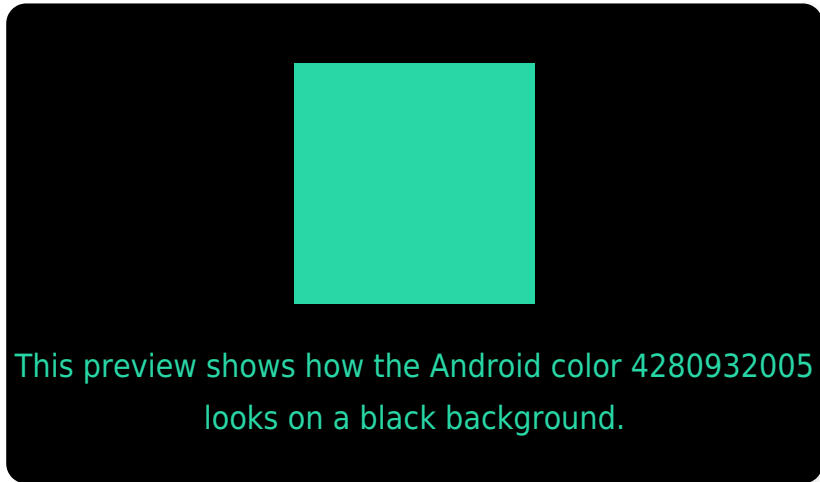
Large Text (above 18pt) WCAG AA × Fail

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

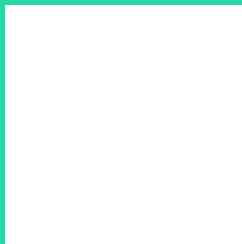
Any Text WCAG AAA ✓ Pass

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

Android 4280932005 Background



This preview shows how black text looks on a background with the Android color 4280932005.



This preview shows how white text looks on a background with the Android color 4280932005.

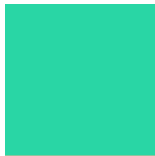
Color Blindness Simulation

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

4280932005



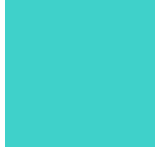
Protanomaly

4287546781



Deuteranomaly

4288070057



Tritanomaly

4282372554

Monochromacy



Original Color

4280932005



Achromatopsia

4288519581



Achromatomaly

4285772448

CSS Examples

Text

The CSS property to change the color of the text to Android 4280932005 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(41, 214, 165)` looks like.

```
.text, #text, p{  
    color:rgb(41, 214, 165)  
}
```

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(41, 214, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 214, 165) }
```

Border

The CSS property to change the border of an element to Android 4280932005 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(41, 214, 165) }
```

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

```
.border{ border-color:rgb(41, 214, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 214, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 214, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 214, 165);  
box-shadow:4px 4px 4px 4px rgb(41, 214,  
165) }
```

Background

The CSS property to change the background color of an element to Android 4280932005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 214, 165) }
```

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

```
.background{ background-color: rgb(41, 214,  
165) }
```

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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