

Converting Colors

Android(4280932024)

Have a look what the booklet for
Android(4280932024) contains.

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Color

Android(4280932024)

Conversions

Conversions Part 1

Format	Color
Hex	29D6B8
RGB	41, 214, 184
RGB Percent	16%, 84%, 72%
CMY	0.8392, 0.1608, 0.2784
CMYK	0.81, 0.00, 0.14, 0.16
HSL	170°, 68%, 50%
HSV	170°, 81%, 84%
XYZ	33.6127, 52.0252, 53.6177
YIQ	158.8530, -93.4780, -46.0060

Conversions

Conversions Part 2

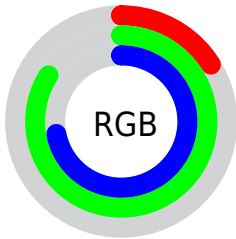
Format	Color
RYB	41, 136, 214
Decimal	2741944
CIELab	77.30, -48.55, 2.92
CIELCh	77, 48.642, 176.559
Yxy	52.0252, 0.2414, 0.3736
Android (android.graphics.Color)	4280932024 (0xFF29D6B8)
YUV	158.8530, 12.3975, -103.3571
Hunter-Lab	72.1285, -43.0418, 6.4160

Details

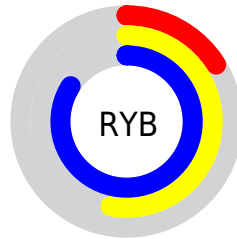
The Android color `4280932024` is a dark color, and the websafe version is hex `33CC99`. The color can be described as middle washed spring green. A complement of this color would be `4292225351`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4285988848`, and `4278230659` is the 20% darker color. If you saturate the color by 10%, you get `4279555764`, and if you desaturate by 10%, it is `4282308284`.

Distribution



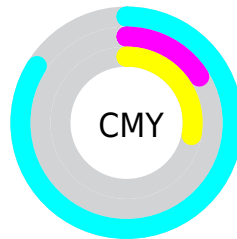
- Red (16%)
- Green (84%)
- Blue (72%)



- Red (16%)
- Yellow (53%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280932024 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 4280932024 by changing the saturation by 10% instead.

 4280932024

 4280932024

4294967295

 4278237853

 4285988848

 4278230659

 4288086015

 4278223722

 4290117631

 4278217042

 4292149247

 4278210619

 4294180863

 4278204453

 4278198545

 4278190080

 4280932024

 4280932024

■ 4279555764

■ 4282308284

■ 4278245041

■ 4283750079

■ 4285126339

■ 4286568135

■ 4287944395

■ 4289320654

■ 4290762450

■ 4292138710

■ 4293580505

Harmonies

Analogous

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



4286370444



4280932024



4278245094

Triad

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



4280932024



4290491903



4294945397

Complementary

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



4280932024



4292225351

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.



4294942105



4280932024



4294092273

Square

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



4280932024



4285187583



4294941638



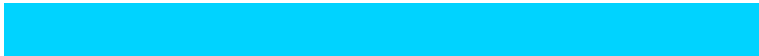
4292918115

Rectangle

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



4280932024



4278244351



4294941638



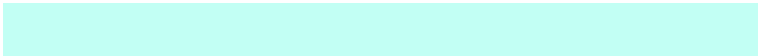
4294944127

Sweetspot

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



4280932024



4290969588



4283029033



4284186745



4278190080



4286611584

Same Dimension

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



4280932024



4278779860



4280917974



4284509033



4278233997



4278201124

Inverse Universe

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



4292225351



4294903859



4292239401



4285227106



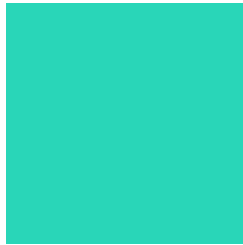
4289396766



4281008136

Previews

White Background



This preview shows how the Android color 4280932024 looks on a white background.

Color Contrast Check

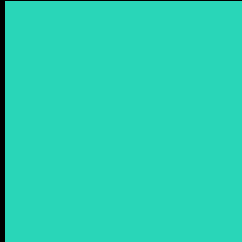
Large Text (above 18pt) WCAG AA × Fail

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 4280932024 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

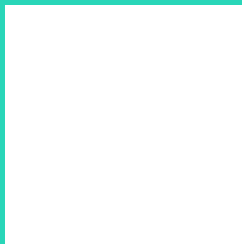
Any Text WCAG AAA ✓ Pass

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

Android 4280932024 Background



This preview shows how black text looks on a background with the Android color 4280932024.

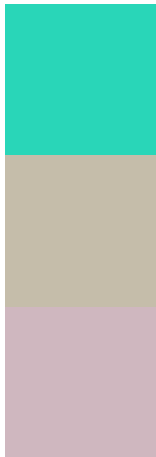


This preview shows how white text looks on a background with the Android color 4280932024.

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
4280932024

Protanopia
4291149226

Deuteranopia
4291803071

Trichromacy



Original Color

4280932024



Protanomaly

4287415983



Deuteranomaly

4287873724



Tritanomaly

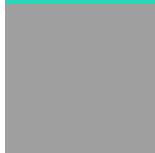
4282110674

Monochromacy



Original Color

4280932024



Achromatopsia

4288651167



Achromatomaly

4285838248

CSS Examples

Text

The CSS property to change the color of the text to Android 4280932024 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(41, 214, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 214, 184) }
```

Border

The CSS property to change the border of an element to Android 4280932024 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, 184) }
```

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

```
.border{ border-color:rgb(41, 214, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 214, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 214, 184);  
box-shadow:4px 4px 4px 4px rgb(41, 214,  
184) }
```

Background

The CSS property to change the background color of an element to Android 4280932024 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, 184) }
```

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

```
.background{ background-color: rgb(41, 214,  
184) }
```

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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