

Converting Colors

Android(4280728224)

Have a look what the booklet for
Android(4280728224) contains.

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Color

Android(4280728224)

Conversions

Conversions Part 1

Format	Color
Hex	26BAA0
RGB	38, 186, 160
RGB Percent	15%, 73%, 63%
CMY	0.8510, 0.2706, 0.3725
CMYK	0.80, 0.00, 0.14, 0.27
HSL	169°, 66%, 44%
HSV	169°, 80%, 73%
XYZ	24.7034, 38.0679, 39.3036
YIQ	138.7840, -79.8620, -39.4620

Conversions

Conversions Part 2

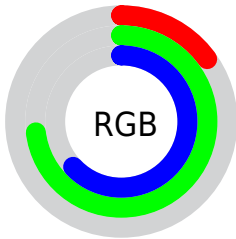
Format	Color
RYB	38, 119, 186
Decimal	2538144
CIELab	68.07, -43.29, 2.55
CIELCh	68, 43.361, 176.634
Yxy	38.0679, 0.2420, 0.3729
Android (android.graphics.Color)	4280728224 (0xFF26BAA0)
YUV	138.7840, 10.4595, -88.3876
Hunter-Lab	61.6992, -36.5051, 5.4206

Details

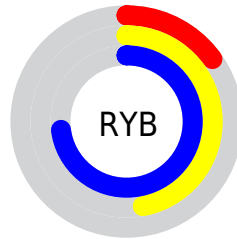
The Android color `4280728224` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4290389568`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4285461463`, and `4278223981` is the 20% darker color. If you saturate the color by 10%, you get `4279483037`, and if you desaturate by 10%, it is `4281973411`.

Distribution



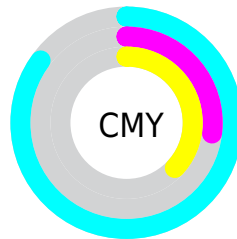
- Red (15%)
- Green (73%)
- Blue (63%)



- Red (15%)
- Yellow (47%)
- Blue (73%)



- Cyan (80%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (85%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280728224 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 4280728224 by changing the saturation by 10% instead.



4280728224



4280728224

4294967295



4278230918



4285461463



4278223981



4287430643



4278217300



4289396735



4278210877



4291362815



4278204712



4293394431



4278199059



4278190080



4280728224



4280728224



4279483037



4281973411

■ 4278303385

■ 4283153063

■ 4278237849

■ 4284398250

■ 4285577901

■ 4286823088

■ 4288068276

■ 4289247927

■ 4290493114

■ 4291672765

Harmonies

Analogous

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



4285314681



4280728224



4278237896

Triad

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



4280728224



4288912876



4292908134

Complementary

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



4280728224



4290389568

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.



4293953925



4280728224



4292054994

Square

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



4280728224



4284328948



4293691308



4290945622

Rectangle

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



4280728224



4278237150



4293691308



4293365871

Sweetspot

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



4280728224



4290310888



4282497574



4283923060



4294638330



4286216826

Same Dimension

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



4280728224



4279038666



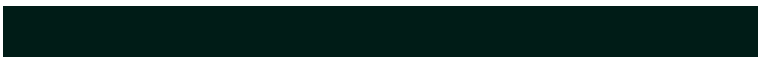
4280716218



4283653210



4278230144



4278197271

Inverse Universe

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



4290389568



4294052917



4290401574



4284240724



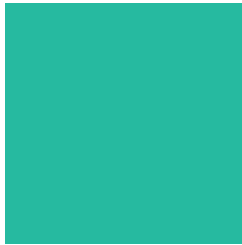
4288413723



4280025093

Previews

White Background



This preview shows how the Android color 4280728224 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 4280728224 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

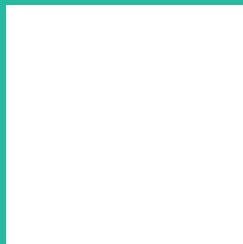
Any Text WCAG AAA ✓ Pass

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

Android 4280728224 Background



This preview shows how black text looks on a background with the Android color 4280728224.

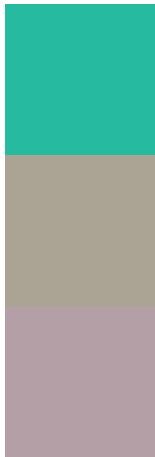


This preview shows how white text looks on a background with the Android color 4280728224.

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
4280728224

Protanopia
4289438868

Deuteranopia
4290027430

Trichromacy



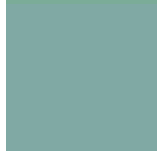
Original Color

4280728224



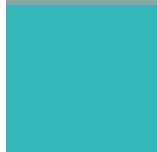
Protanomaly

4286295192



Deuteranomaly

4286622116



Tritanomaly

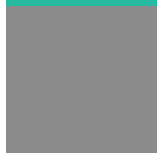
4281710519

Monochromacy



Original Color

4280728224



Achromatopsia

4287335307



Achromatomaly

4284914835

CSS Examples

Text

The CSS property to change the color of the text to Android 4280728224 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(38, 186, 160)` looks like.

```
.text, #text, p{  
    color:rgb(38, 186, 160)  
}
```

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(38, 186, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 186, 160) }
```

Border

The CSS property to change the border of an element to Android 4280728224 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(38, 186, 160) }
```

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

```
.border{ border-color:rgb(38, 186, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 186, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 186, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 186, 160);  
box-shadow:4px 4px 4px 4px rgb(38, 186,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4280728224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 186, 160) }
```

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

```
.background{ background-color: rgb(38, 186,  
160) }
```

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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