

Converting Colors

Android(4280728528)

Have a look what the booklet for
Android(4280728528) contains.

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Color

Android(4280728528)

Conversions

Conversions Part 1

Format	Color
Hex	26BBD0
RGB	38, 187, 208
RGB Percent	15%, 73%, 82%
CMY	0.8510, 0.2667, 0.1843
CMYK	0.82, 0.10, 0.00, 0.18
HSL	187°, 69%, 48%
HSV	187°, 82%, 82%
XYZ	29.9548, 40.5068, 65.9143
YIQ	144.8430, -95.5450, -25.0570

Conversions

Conversions Part 2

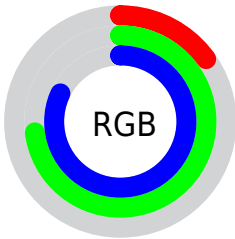
Format	Color
RYB	38, 117, 208
Decimal	2538448
CIELab	69.83, -29.69, -21.21
CIElCh	70, 36.487, 215.537
Yxy	40.5068, 0.2196, 0.2970
Android (android.graphics.Color)	4280728528 (0xFF26BBD0)
YUV	144.8430, 31.1364, -93.7013
Hunter-Lab	63.6449, -27.3667, -16.8526

Details

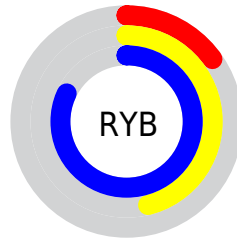
The Android color **4280728528** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle washed azure. A complement of this color would be **4291836710**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4285789439**, and **4278224282** is the 20% darker color. If you saturate the color by 10%, you get **4279351504**, and if you desaturate by 10%, it is **4282105552**.

Distribution



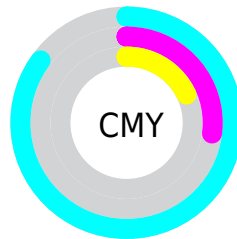
- Red (15%)
- Green (73%)
- Blue (82%)



- Red (15%)
- Yellow (46%)
- Blue (82%)



- Cyan (82%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (85%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280728528 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 4280728528 by changing the saturation by 10% instead.

 4280728528

 4280728528

4294967295

 4278231220

 4285789439

 4278224282

 4287823871

 4278217856

 4289855487

 4278211431

 4291887103

 4278205262

 4293918719

 4278199863

 4278190627

 4278190089

 4278190080

■ 4280728528

■ 4280728528

■ 4279351504

■ 4282105552

■ 4278236880

■ 4283482320

■ 4284793808

■ 4286170576

■ 4287547600

■ 4288924368

■ 4290301392

■ 4291612880

■ 4292989648

Harmonies

Analogous

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



4282629296



4280728528



4283282918

Triad

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



4280728528



4292515271



4290489192

Complementary

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



4280728528



4291836710

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.



4292321135



4280728528



4293562790

Square

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



4280728528



4290224353



4293498246



4288132212

Rectangle

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



4280728528



4285771756



4293498246



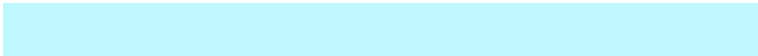
4291143528

Sweetspot

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



4280728528



4290770943



4280733754



4284054400



4278190080



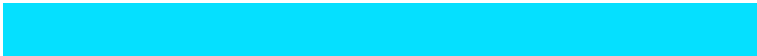
4286611584

Same Dimension

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



4280728528



4278575359



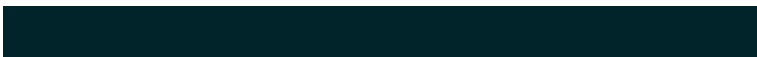
4280707024



4284376937



4278228136



4278199337

Inverse Universe

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



4291831483



4294903264



4291858214



4285095527



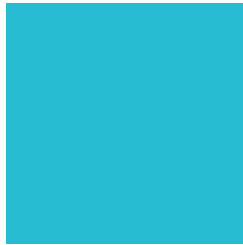
4289200276



4280877092

Previews

White Background



This preview shows how the Android color 4280728528 looks on a white background.

Color Contrast Check

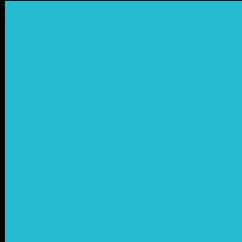
Large Text (above 18pt) WCAG AA × Fail

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 4280728528 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 4280728528 Background



This preview shows how black text looks on a background with the Android color 4280728528.



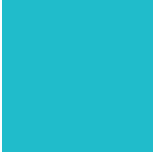
This preview shows how white text looks on a background with the Android color 4280728528.

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

4280728528



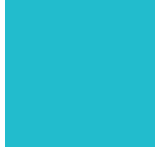
Protanomaly

4285968328



Deuteranomaly

4285968083



Tritanomaly

4280466637

Monochromacy



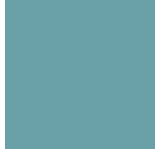
Original Color

4280728528



Achromatopsia

4287730065



Achromatomaly

4285178024

CSS Examples

Text

The CSS property to change the color of the text to Android 4280728528 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, 187, 208)` looks like.

```
.text, #text, p{  
    color:rgb(38, 187, 208)  
}
```

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, 187, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 187, 208) }
```

Border

The CSS property to change the border of an element to Android 4280728528 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, 187, 208) }
```

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

```
.border{ border-color:rgb(38, 187, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 187, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 187, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 187, 208);  
box-shadow:4px 4px 4px 4px rgb(38, 187,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4280728528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 187, 208) }
```

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

```
.background{ background-color: rgb(38, 187,  
208) }
```

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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