

Converting Colors

Android(4280989396)

Have a look what the booklet for
Android(4280989396) contains.

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Color

Android(4280989396)

Conversions

Conversions Part 1

Format	Color
Hex	2AB6D4
RGB	42, 182, 212
RGB Percent	16%, 71%, 83%
CMY	0.8353, 0.2863, 0.1686
CMYK	0.80, 0.14, 0.00, 0.17
HSL	191°, 67%, 50%
HSV	191°, 80%, 83%
XYZ	29.5665, 38.7016, 68.1992
YIQ	143.5600, -93.0700, -20.3500

Conversions

Conversions Part 2

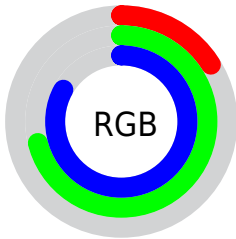
Format	Color
R_{YB}	42, 119, 212
Decimal	2799316
CIE _{Lab}	68.53, -25.59, -25.37
CIE _{LCh}	69, 36.035, 224.756
Yxy	38.7016, 0.2167, 0.2836
Android (android.graphics.Color)	4280989396 (0xFF2AB6D4)
YUV	143.5600, 33.7409, -89.0681
Hunter-Lab	62.2106, -24.0340, -21.4500

Details

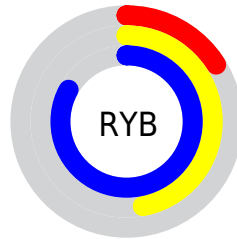
The Android color **4280989396** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **4292102186**, and the grayscale version is **4287598479**.

A 20% lighter version of the original color is **4285918975**, and **4278223261** is the 20% darker color. If you saturate the color by 10%, you get **4279612116**, and if you desaturate by 10%, it is **4282366676**.

Distribution



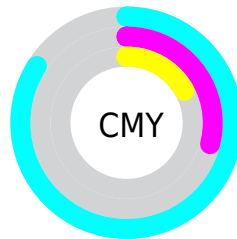
- Red (16%)
- Green (71%)
- Blue (83%)



- Red (16%)
- Yellow (47%)
- Blue (83%)



- Cyan (80%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (84%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280989396 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 4280989396 by changing the saturation by 10% instead.

 4280989396

 4280989396

4294967295

 4278229944

 4285918975

 4278223261

 4287954943

 4278216579

 4289986559

 4278210410

 4292018175

 4278204498

 4293984255

 4278199098

 4278190629

 4278190349

 4278190080

■ 4280989396

■ 4280989396

■ 4279612116

■ 4282366676

■ 4278235092

■ 4283743700

■ 4285186516

■ 4286563796

■ 4287941076

■ 4289318100

■ 4290695380

■ 4292138196

■ 4293515476

Harmonies

Analogous

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



4281645495



4280989396



4284264421

Triad

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



4280989396



4292645049



4289571431

Complementary

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



4280989396



4292102186

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.



4291534696



4280989396



4293365400

Square

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



4280989396



4290746838



4292908411



4287148920

Rectangle

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



4280989396



4286687720



4292908411



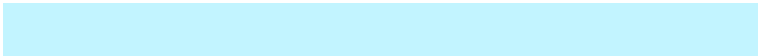
4290291558

Sweetspot

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



4280989396



4290966783



4280996934



4284184960



4278190080



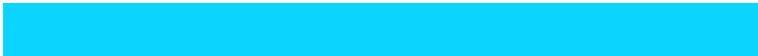
4286611584

Same Dimension

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



4280989396



4278899967



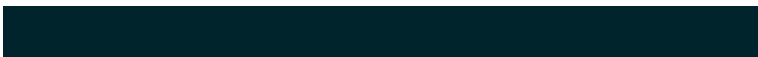
4280968148



4284508523



4278226347



4278199339

Inverse Universe

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



4292094646



4294904532



4292123434



4285227113



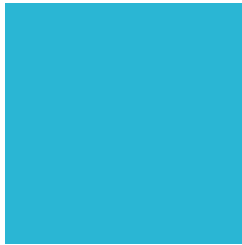
4289396877



4281008164

Previews

White Background



This preview shows how the Android color 4280989396 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 4280989396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

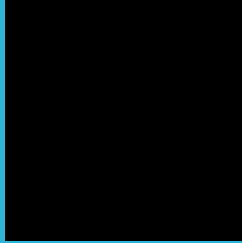
Any Text WCAG AA ✓ Pass

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 4280989396 Background



This preview shows how black text looks on a background with the Android color 4280989396.



This preview shows how white text looks on a background with the Android color 4280989396.

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

4280989396



Protanomaly

4285836236



Deuteranomaly

4285704919



Tritanomaly

4280334284

Monochromacy



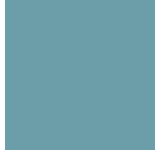
Original Color

4280989396



Achromatopsia

4287664272



Achromatomaly

4285243049

CSS Examples

Text

The CSS property to change the color of the text to Android 4280989396 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(42, 182, 212)` looks like.

```
.text, #text, p{  
    color:rgb(42, 182, 212)  
}
```

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(42, 182, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 182, 212) }
```

Border

The CSS property to change the border of an element to Android 4280989396 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(42, 182, 212) }
```

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

```
.border{ border-color:rgb(42, 182, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 182, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 182, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 182, 212);  
box-shadow:4px 4px 4px 4px rgb(42, 182,  
212) }
```

Background

The CSS property to change the background color of an element to Android 4280989396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 182, 212) }
```

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

```
.background{ background-color: rgb(42, 182,  
212) }
```

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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