

Converting Colors

Android(4280921295)

Have a look what the booklet for
Android(4280921295) contains.

Android(4280921295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280921295)

Conversions

Conversions Part 1

Format	Color
Hex	29ACCF
RGB	41, 172, 207
RGB Percent	16%, 67%, 81%
CMY	0.8392, 0.3255, 0.1882
CMYK	0.80, 0.17, 0.00, 0.19
HSL	193°, 67%, 49%
HSV	193°, 80%, 81%
XYZ	26.9295, 34.4815, 64.2677
YIQ	136.8210, -89.3110, -16.8870

Conversions

Conversions Part 2

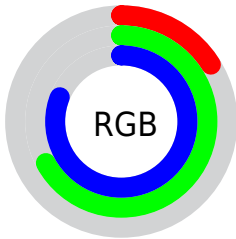
Format	Color
R _Y B	41, 114, 207
Decimal	2731215
CIE Lab	65.34, -22.22, -27.52
CIE LCh	65, 35.371, 231.085
Yxy	34.4815, 0.2143, 0.2744
Android (android.graphics.Color)	4280921295 (0xFF29ACCF)
YUV	136.8210, 34.5982, -84.0350
Hunter-Lab	58.7209, -20.9014, -23.7859

Details

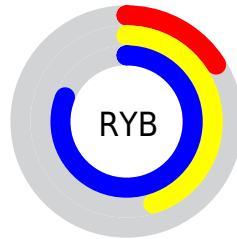
The Android color `4280921295` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle muted azure. A complement of this color would be `4291775529`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4285719807`, and `4278220697` is the 20% darker color. If you saturate the color by 10%, you get `4279544015`, and if you desaturate by 10%, it is `4282298575`.

Distribution



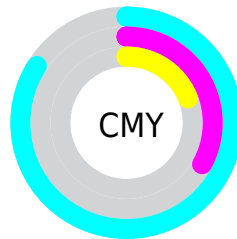
- Red (16%)
- Green (67%)
- Blue (81%)



- Red (16%)
- Yellow (45%)
- Blue (81%)



- Cyan (80%)
- Magenta (17%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280921295 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 4280921295 by changing the saturation by 10% instead.



4280921295



4280921295

4294967295



4278227379



4285719807



4278220697



4287823871



4278214527



4289789951



4278208357



4291821567



4278202445



4293787647



4278197558



4278190625



4278190085



4278190080

■ 4280921295

■ 4280921295

■ 4279544015

■ 4282298575

■ 4278232015

■ 4283610575

■ 4284987855

■ 4286365135

■ 4287742671

■ 4289054415

■ 4290431951

■ 4291809231

■ 4293120975

Harmonies

Analogous

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



4280528820



4280921295



4284523997

Triad

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



4280921295



4292249513



4288521314

Complementary

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



4280921295



4291775529

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.



4290550112



4280921295



4292708233

Square

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



4280921295



4290613191



4292054895



4286098294

Rectangle

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



4280921295



4286881501



4292054895



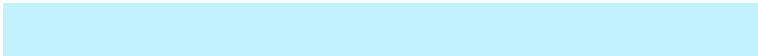
4289241440

Sweetspot

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



4280921295



4290966271



4280930122



4284184704



4278190080



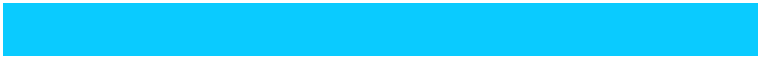
4286611584

Same Dimension

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



4280921295



4278897663



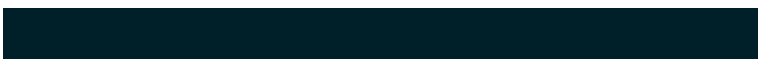
4280900559



4284376681



4278224296



4278198313

Inverse Universe

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



4291766700



4294904523



4291796265



4285095526



4289200261



4280877088

Previews

White Background



This preview shows how the Android color 4280921295 looks on a white background.

Color Contrast Check

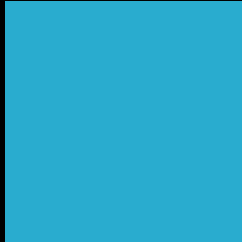
Large Text (above 18pt) WCAG AA × Fail

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 4280921295 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 4280921295 Background



This preview shows how black text looks on a background with the Android color 4280921295.



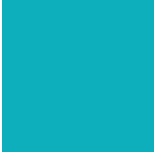
This preview shows how white text looks on a background with the Android color 4280921295.

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

4280921295



Protanomaly

4285375175



Deuteranomaly

4285178322



Tritanomaly

4279742148

Monochromacy



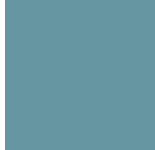
Original Color

4280921295



Achromatopsia

4287203721



Achromatomaly

4284913314

CSS Examples

Text

The CSS property to change the color of the text to Android 4280921295 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, 172, 207)` looks like.

```
.text, #text, p{  
    color:rgb(41, 172, 207)  
}
```

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, 172, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 172, 207) }
```

Border

The CSS property to change the border of an element to Android 4280921295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

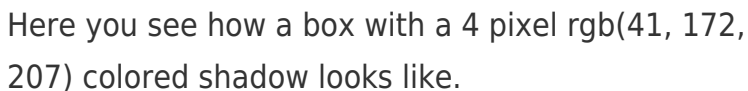
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(41, 172, 207) }
```

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

```
.border{ border-color:rgb(41, 172, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(41, 172, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(41, 172, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(41, 172, 207); box-shadow:4px 4px 4px 4px rgb(41, 172, 207) }
```

Background

The CSS property to change the background color of an element to Android 4280921295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 172, 207) }
```

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

```
.background{ background-color: rgb(41, 172,  
207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor