Converting Colors

Android(4281443278)

Have a look what the booklet for Android(4281443278) contains.

Color

Android(4281443278)

Conversions

Conversions Part 1

Format	Color
Hex	31A3CE
RGB	49, 163, 206
RGB Percent	19%, 64%, 81%
CMY	0.8078, 0.3608, 0.1922
CMYK	0.76, 0.21, 0.00, 0.19
HSL	196°, 62%, 50%
HSV	196°, 76%, 81%
XYZ	25.5044, 31.3036, 63.0905
YIQ	133.8160, -81.7470, -10.7950

Conversions

Conversions Part 2

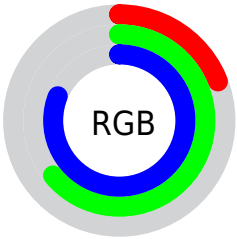
Format	Color
RYB	49, 115, 206
Decimal	3253198
CIELab	62.76, -17.00, -30.94
CIELCh	63, 35.300, 241.217
Yxy	31.3036, 0.2127, 0.2611
Android (android.graphics.Color)	4281443278 (0xFF31A3CE)
YUV	133.8160, 35.5867, -74.3836
Hunter-Lab	55.9496, -16.5433, -27.6925

Details

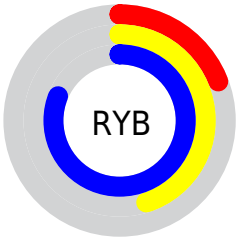
The Android color 4281443278 is a dark color, and the websafe version is hex 0099CC. The color can be described as middle muted azure. A complement of this color would be 4291714097, and the grayscale version is 4287006342.

A 20% lighter version of the original color is 4285979391, and 4278218648 is the 20% darker color. If you saturate the color by 10%, you get 4280065486, and if you desaturate by 10%, it is 4282821070.

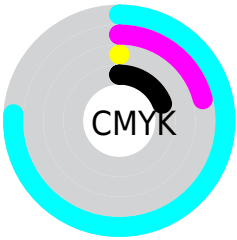
Distribution



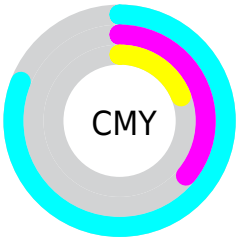
- Red (19%)
- Green (64%)
- Blue (81%)



- Red (19%)
- Yellow (45%)
- Blue (81%)



- Cyan (76%)
- Magenta (21%)
- Yellow (0%)
- Black (19%)



- Cyan (81%)
- Magenta (36%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281443278 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 4281443278 by changing the saturation by 10% instead.

4281443278

4294967295

4285979391

4287952639

4289986559

4291952639

4293918719

4281443278

4278225330

4278218648

4278212477

4278206308

4278200652

4278195253

4278190623

4278190083

4278190080

4281443278

4280065486

4278753486

4278228686

4281443278

4282821070

4284133070

4285510862

4286823118

4288200654

4289578446

4290890446

4292268238

4293580494

Harmonies

Analogous

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

4278233271

4281443278

4285307606

Triad

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

4281443278

4292050840

4287275105

Complementary

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

4281443278

4291714097

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.

4289435224

4281443278

4292051577

Square

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

4281443278

4290807223

4291136354

4284851833

Rectangle

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

4281443278

4287534034

4291136354

4288060764

Sweetspot

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

4281443278

4291096575

4281454171

4284249728

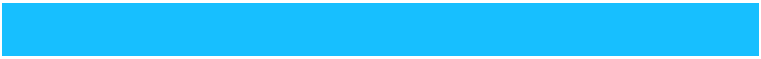
4278190080

4286611584

Same Dimension

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

4281443278



4279746559

4281423566

4284244838

4278220966

4278197286

Inverse Universe

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

4291703203

4294907839

4291733809

4284898403

4289069176

4280680476

Previews

White Background

This preview shows how the Android color 4281443278 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

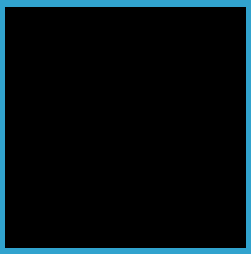
This preview shows how the Android color 4281443278 looks on a black background.

Color Contrast Check

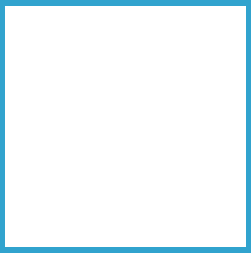
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4281443278 Background



This preview shows how black text looks on a background with the Android color 4281443278.



This preview shows how white text looks on a background with the Android color 4281443278.

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

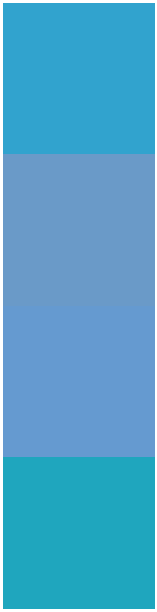
Original Color
4281443278

Protanopia
4287272388

Deuteranopia
4286813649

Tritanopia
4279609269

Trichromacy



Original Color
4281443278

Protanomaly
4285176520

Deuteranomaly
4284848848

Tritanomaly
4280264382

Monochromacy

Original Color
4281443278

Achromatopsia
4287006342

Achromatomaly
4284977568

CSS Examples

Text

The CSS property to change the color of the text to Android 4281443278 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(49, 163, 206) looks like.

```
.text, #text, p{
    color:rgb(49, 163, 206)
}
```

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(49, 163, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 163, 206) }
```

Border

The CSS property to change the border of an element to Android 4281443278 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(49, 163, 206) }
```

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

```
.border{ border-color:rgb(49, 163, 206) }
```

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

Here you see how a box with a 4 pixel rgb(49, 163, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(49, 163, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(49, 163, 206); box-shadow:4px 4px 4px 4px rgb(49, 163, 206) }
```

Background

The CSS property to change the background color of an element to Android 4281443278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(49, 163, 206) }
```

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

```
.background{ background-color:rgb(49, 163,
206) }
```

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