

Converting Colors

Android(4281247944)

Have a look what the booklet for
Android(4281247944) contains.

Android(4281247944)	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(4281247944)

Conversions

Conversions Part 1

Format	Color
Hex	2EA8C8
RGB	46, 168, 200
RGB Percent	18%, 66%, 78%
CMY	0.8196, 0.3412, 0.2157
CMYK	0.77, 0.16, 0.00, 0.22
HSL	192°, 63%, 48%
HSV	192°, 77%, 78%
XYZ	25.5547, 32.7562, 59.6193
YIQ	135.1700, -82.9840, -15.9120

Conversions

Conversions Part 2

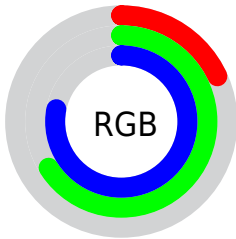
Format	Color
RYB	46, 114, 200
Decimal	3057864
CIELab	63.96, -21.96, -25.75
CIELCh	64, 33.843, 229.550
Yxy	32.7562, 0.2167, 0.2778
Android (android.graphics.Color)	4281247944 (0xFF2EA8C8)
YUV	135.1700, 31.9612, -78.2021
Hunter-Lab	57.2331, -20.4573, -21.6988

Details

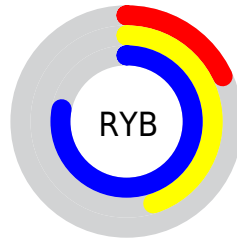
The Android color `4281247944` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle muted azure. A complement of this color would be `4291317294`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285849599`, and `4278219922` is the 20% darker color. If you saturate the color by 10%, you get `4279936200`, and if you desaturate by 10%, it is `4282559688`.

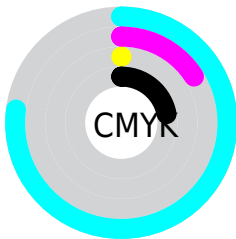
Distribution



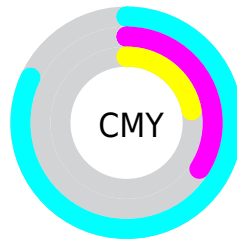
- Red (18%)
- Green (66%)
- Blue (78%)



- Red (18%)
- Yellow (45%)
- Blue (78%)



- Cyan (77%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (82%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281247944 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 4281247944 by changing the saturation by 10% instead.



4281247944



4281247944

4294967295



4278226349



4285849599



4278219922



4287823103



4278213496



4289789951



4278207327



4291821567



4278201671



4293787647



4278196529



4278190364



4278190080



4281247944



4281247944

■ 4279936200

■ 4282559688

■ 4278624456

■ 4283871432

■ 4278230728

■ 4285183176

■ 4286495176

■ 4287806920

■ 4289118664

■ 4290430408

■ 4291742152

■ 4293053896

Harmonies

Analogous

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



4281117614



4281247944



4284391894

Triad

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



4281247944



4291790247



4288388961

Complementary

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



4281247944



4291317294

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.



4290352736



4281247944



4292248712

Square

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



4281247944



4290219202



4291726190



4286162803

Rectangle

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



4281247944



4286618582



4291726190



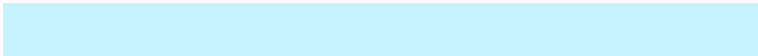
4289109087

Sweetspot

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



4281247944



4291097599



4281256013



4284250240



4278190080



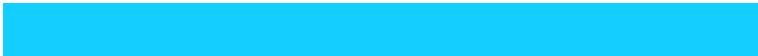
4286611584

Same Dimension

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



4281247944



4279553791



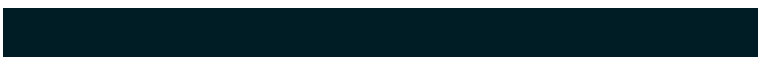
4281228488



4284113251



4278223267



4278197284

Inverse Universe

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



4291309224



4294907086



4291336750



4284701281



4288872577



4280549404

Previews

White Background



This preview shows how the Android color 4281247944 looks on a white background.

Color Contrast Check

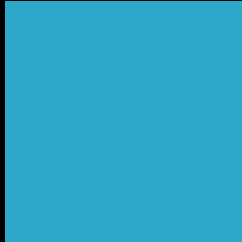
Large Text (above 18pt) WCAG AA × Fail

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 4281247944 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 4281247944 Background



This preview shows how black text looks on a background with the Android color 4281247944.



This preview shows how white text looks on a background with the Android color 4281247944.

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

4281247944



Protanomaly

4285374145



Deuteranomaly

4285242827



Tritanomaly

4280593086

Monochromacy



Original Color

4281247944



Achromatopsia

4287072135



Achromatomaly

4284978079

CSS Examples

Text

The CSS property to change the color of the text to Android 4281247944 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(46, 168, 200)` looks like.

```
.text, #text, p{  
    color:rgb(46, 168, 200)  
}
```

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(46, 168, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 168, 200) }
```

Border

The CSS property to change the border of an element to Android 4281247944 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(46, 168, 200) }
```

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

```
.border{ border-color:rgb(46, 168, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 168, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 168, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 168, 200);  
box-shadow:4px 4px 4px 4px rgb(46, 168,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4281247944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 168, 200) }
```

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

```
.background{ background-color: rgb(46, 168,  
200) }
```

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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