

Converting Colors

Android(4278228164)

Have a look what the booklet for
Android(4278228164) contains.

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Color

Android(4278228164)

Conversions

Conversions Part 1

Format	Color
Hex	0094C4
RGB	0, 148, 196
RGB Percent	0%, 58%, 77%
CMY	1.0000, 0.4196, 0.2314
CMYK	1.00, 0.24, 0.00, 0.23
HSL	195°, 100%, 38%
HSV	195°, 100%, 77%
XYZ	20.5537, 25.1653, 55.9987
YIQ	109.2200, -103.6160, -16.4480

Conversions

Conversions Part 2

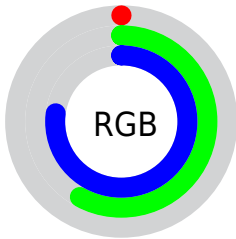
Format	Color
RYB	0, 84, 196
Decimal	38084
CIELab	57.24, -15.56, -33.97
CIELCh	57, 37.364, 245.392
Yxy	25.1653, 0.2021, 0.2474
Android (android.graphics.Color)	4278228164 (0xFF0094C4)
YUV	109.2200, 42.7825, -95.7859
Hunter-Lab	50.1651, -14.6535, -31.0692

Details

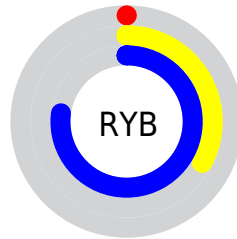
The Android color `4278228164` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4291047424`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4284664573`, and `4278215054` is the 20% darker color. If you saturate the color by 10%, you get `4278228164`, and if you desaturate by 10%, it is `4279540164`.

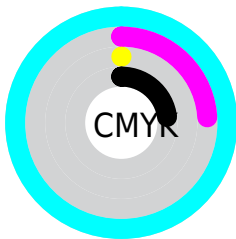
Distribution



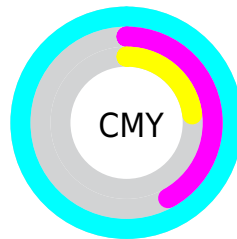
- Red (0%)
- Green (58%)
- Blue (77%)



- Red (0%)
- Yellow (33%)
- Blue (77%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228164 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 4278228164 by changing the saturation by 10% instead.

 4278228164

 4278228164

4294967295

 4278221481

 4284664573

 4278215054

 4286768895

 4278209140

 4288741375

 4278203227

 4290772991

 4278198083

 4292739071

 4278190893

 4294770687

 4278190359

 4278190080

 4278228164

■ 4279540164

■ 4280786628

■ 4282098372

■ 4283344836

■ 4284656836

■ 4285968836

■ 4287215300

■ 4288527044

■ 4289773508

Harmonies

Analogous

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



4278229422



4278228164



4284517322

Triad

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



4278228164



4291260293



4285961043

Complementary

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



4278228164



4291047424

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.



4288186695



4278228164



4291130213

Square

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



4278228164



4290213029



4290018894



4283209837

Rectangle

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



4278228164



4286940100



4290018894



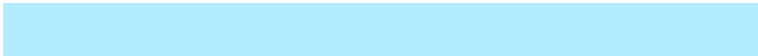
4286746701

Sweetspot

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



4278228164



4289981695



4278240302



4283593856



4278190080



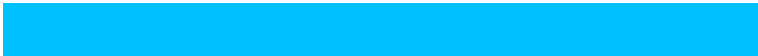
4286611584

Same Dimension

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



4278228164



4278239743



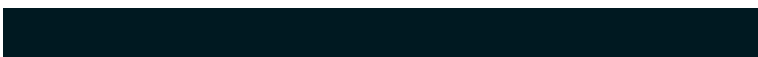
4278203588



4283916129



4278221217



4278196513

Inverse Universe

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



4291035284



4294901953



4291072000



4284569439



4288741497



4280352793

Previews

White Background



This preview shows how the Android color 4278228164 looks on a white background.

Color Contrast Check

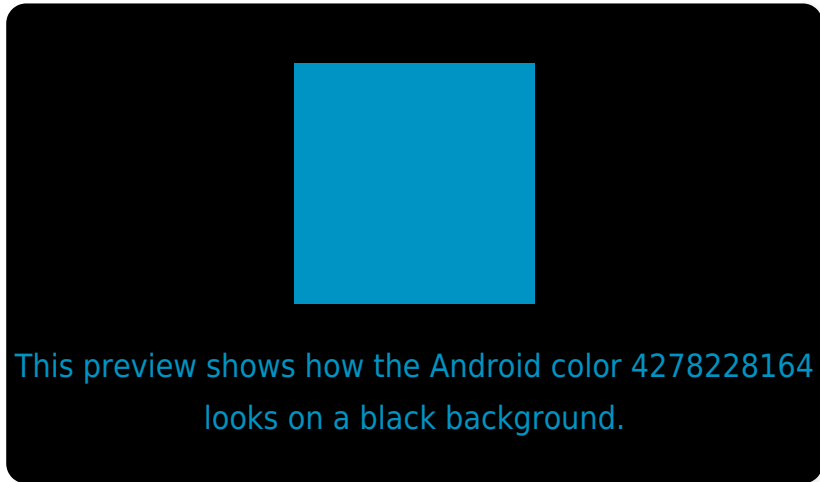
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278228164 Background



This preview shows how black text looks on a background with the Android color 4278228164.



This preview shows how white text looks on a background with the Android color 4278228164.

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

4278228164



Protanomaly

4283337918



Deuteranomaly

4282879174



Tritanomaly

4278228912

Monochromacy



Original Color

4278228164



Achromatopsia

4285361517



Achromatomaly

4282743693

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228164 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(0, 148, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 196)  
}
```

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(0, 148, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 196) }
```

Border

The CSS property to change the border of an element to Android 4278228164 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(0, 148, 196) }
```

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

```
.border{ border-color:rgb(0, 148, 196) }
```

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

Here you see how a box with a 4 pixel rgb(0, 148, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
196) }
```

Background

The CSS property to change the background color of an element to Android 4278228164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 196) }
```

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

```
.background{ background-color: rgb(0, 148,  
196) }
```

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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