

Converting Colors

Android(4278248690)

Have a look what the booklet for
Android(4278248690) contains.

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Color

Android(4278248690)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00E4F2 |
| RGB | 0, 228, 242 |
| RGB Percent | 0%, 89%, 95% |
| CMY | 1.0000, 0.1059, 0.0510 |
| CMYK | 1.00, 0.06, 0.00, 0.05 |
| HSL | 183°, 100%, 47% |
| HSV | 183°, 100%, 95% |
| XYZ | 43.7704, 61.8976, 93.6449 |
| YIQ | 161.4240, -140.3820, -43.9820 |

Conversions

Conversions Part 2

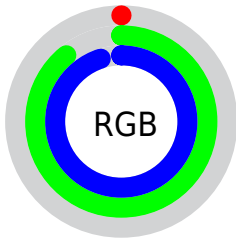
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 117, 242 |
| Decimal | 58610 |
| CIELab | 82.86, -40.00, -19.75 |
| CIELCh | 83, 44.611, 206.279 |
| Yxy | 61.8976, 0.2196, 0.3106 |
| Android (android.graphics.Color) | 4278248690 (0xFF00E4F2) |
| YUV | 161.4240, 39.7240, -141.5688 |
| Hunter-Lab | 78.6750, -38.3738, -15.4989 |

Details

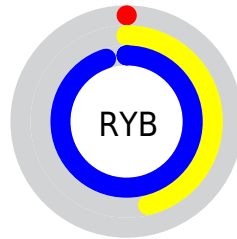
The Android color `4278248690` is a light color, and the websafe version is hex `00CCCC`. The color can be described as light saturated cyan. A complement of this color would be `4294053376`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4285792255`, and `4278234298` is the 20% darker color. If you saturate the color by 10%, you get `4278248690`, and if you desaturate by 10%, it is `4279821810`.

Distribution



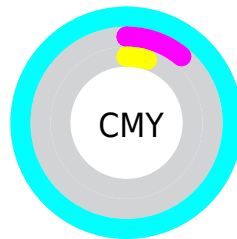
- Red (0%)
- Green (89%)
- Blue (95%)



- Red (0%)
- Yellow (46%)
- Blue (95%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278248690 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 4278248690 by changing the saturation by 10% instead.

 4278248690

 4278248690

4294967295

 4278241494

 4285792255

 4278234298

 4288086015

 4278227359

 4290248703

 4278220677

 4292411391

 4278213996

 4294508543

 4278207827

 4278201916

 4278194983

 4278190353

 4278248690

 4279821810

 4281395186

 4283033842

 4284607218

 4286180338

 4287753458

 4289326834

 4290965490

 4292538866

Harmonies

Analogous

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



4284015815



4278248690



4281655295

Triad

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



4278248690



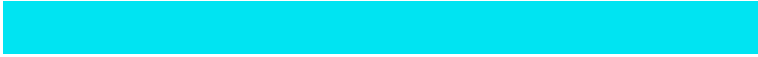
4294883325



4293839482

Complementary

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



4278248690



4294053376

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.



4294949770



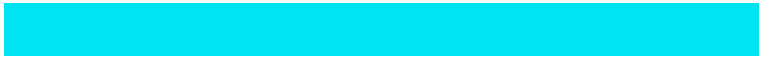
4278248690



4294946517

Square

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



4278248690



4291544575



4294946987



4291090306

Rectangle

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



4278248690



4285389055



4294946987



4294690173

Sweetspot

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



4278248690



4289985535



4278252044



4283596160



4278190080



4286611584

Same Dimension

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



4278248690



4278251775



4278218226



4285298552



4278234552



4278203704

Inverse Universe

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



4294050020



4294902000



4294083840



4286082167



4290248877



4281860149

Previews

White Background



This preview shows how the Android color 4278248690 looks on a white background.

Color Contrast Check

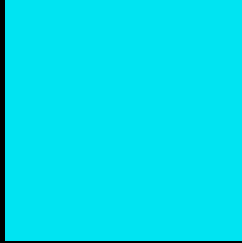
Large Text (above 18pt) WCAG AA × Fail

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 4278248690 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 4278248690 Background



This preview shows how black text looks on a background with the Android color 4278248690.

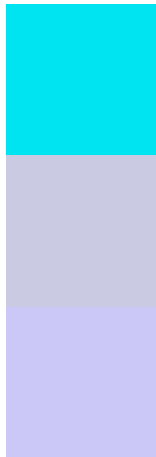


This preview shows how white text looks on a background with the Android color 4278248690.

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
4278248690

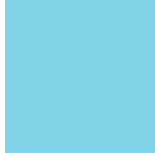
Protanopia
4291480546

Deuteranopia
4291545336

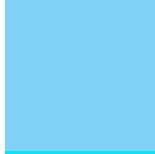
Trichromacy



Original Color
4278248690



Protanomaly
4286698728



Deuteranomaly
4286698230

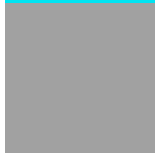


Tritanomaly
4279165941

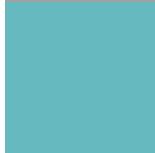
Monochromacy



Original Color
4278248690



Achromatopsia
4288782753



Achromatomaly
4284922302

CSS Examples

Text

The CSS property to change the color of the text to Android 4278248690 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, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 228, 242)  
}
```

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, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 228, 242) }
```

Border

The CSS property to change the border of an element to Android 4278248690 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, 228, 242) }
```

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

```
.border{ border-color:rgb(0, 228, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 228,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4278248690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 228, 242) }
```

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

```
.background{ background-color: rgb(0, 228,  
242) }
```

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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