

Converting Colors

Android(4278246382)

Have a look what the booklet for
Android(4278246382) contains.

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Color

Android(4278246382)

Conversions

Conversions Part 1

Format	Color
Hex	00DBEE
RGB	0, 219, 238
RGB Percent	0%, 86%, 93%
CMY	1.0000, 0.1412, 0.0667
CMYK	1.00, 0.08, 0.00, 0.07
HSL	185°, 100%, 47%
HSV	185°, 100%, 93%
XYZ	40.7641, 56.8361, 89.7109
YIQ	155.6850, -136.6230, -40.5190

Conversions

Conversions Part 2

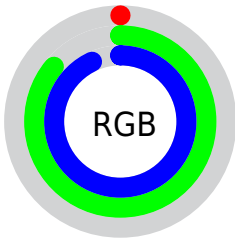
Format	Color
RYB	0, 114, 238
Decimal	56302
CIELab	80.09, -37.10, -21.83
CIELCh	80, 43.049, 210.468
Yxy	56.8361, 0.2176, 0.3034
Android (android.graphics.Color)	4278246382 (0xFF00DBEE)
YUV	155.6850, 40.5813, -136.5357
Hunter-Lab	75.3897, -35.4149, -17.7800

Details

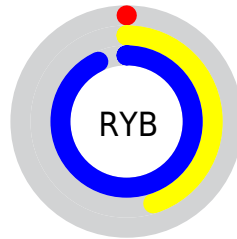
The Android color **4278246382** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293792512**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4285726719**, and **4278231990** is the 20% darker color. If you saturate the color by 10%, you get **4278246382**, and if you desaturate by 10%, it is **4279819758**.

Distribution



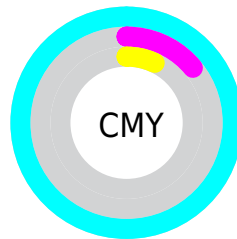
- Red (0%)
- Green (86%)
- Blue (93%)



- Red (0%)
- Yellow (45%)
- Blue (93%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278246382 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 4278246382 by changing the saturation by 10% instead.

 4278246382

 4278246382

4294967295

 4278239186

 4285726719

 4278231990

 4287954943

 4278225307

 4290117631

 4278218625

 4292214783

 4278212200

 4294311935

 4278206032


 4278200377

 4278190884

 4278190091

 4278246382

 4279819758

 4281393134

 4282900974

 4284474350

 4286047470

 4287620846

 4289194222

 4290702062

 4292275438

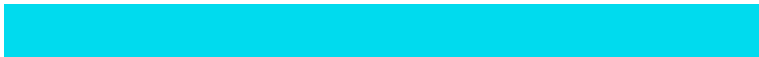
Harmonies

Analogous

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



4283358406



4278246382



4282504703

Triad

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



4278246382



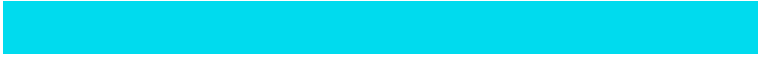
4294618863



4292920437

Complementary

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



4278246382



4293792512

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.



4294948482



4278246382



4294944712

Square

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



4278246382



4291607807



4294945696



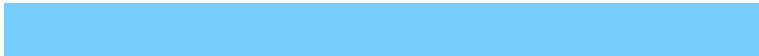
4290171008

Rectangle

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



4278246382



4285910783



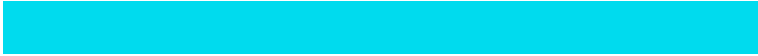
4294945696



4293705847

Sweetspot

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



4278246382



4289985023



4278251024



4283595904



4278190080



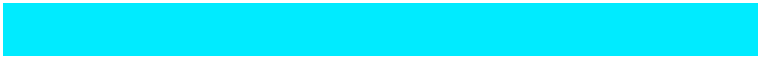
4286611584

Same Dimension

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



4278246382



4278250495



4278216686



4285298552



4278233528



4278203448

Inverse Universe

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



4293787867



4294901995



4293822208



4286082167



4290248873



4281860148

Previews

White Background



This preview shows how the Android color 4278246382 looks on a white background.

Color Contrast Check

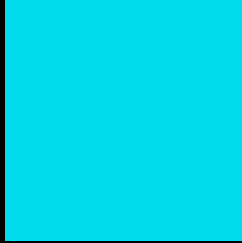
Large Text (above 18pt) WCAG AA × Fail

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 4278246382 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 4278246382 Background



This preview shows how black text looks on a background with the Android color 4278246382.



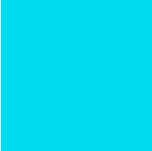
This preview shows how white text looks on a background with the Android color 4278246382.

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



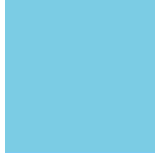


Tritanopia
4278246381

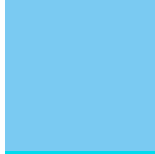
Trichromacy



Original Color
4278246382



Protanomaly
4286303460



Deuteranomaly
4286237426

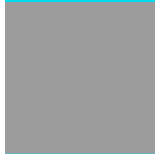


Tritanomaly
4278246381

Monochromacy



Original Color
4278246382



Achromatopsia
4288453788



Achromatomaly
4284724154

CSS Examples

Text

The CSS property to change the color of the text to Android 4278246382 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, 219, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 238)  
}
```

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, 219, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 238) }
```

Border

The CSS property to change the border of an element to Android 4278246382 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, 219, 238) }
```

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

```
.border{ border-color:rgb(0, 219, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4278246382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 238) }
```

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

```
.background{ background-color: rgb(0, 219,  
238) }
```

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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