

Converting Colors

Android(4278233064)

Have a look what the booklet for
Android(4278233064) contains.

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Color

Android(4278233064)

Conversions

Conversions Part 1

Format	Color
Hex	00A7E8
RGB	0, 167, 232
RGB Percent	0%, 65%, 91%
CMY	1.0000, 0.3451, 0.0902
CMYK	1.00, 0.28, 0.00, 0.09
HSL	197°, 100%, 45%
HSV	197°, 100%, 91%
XYZ	28.3842, 33.4636, 81.3071
YIQ	124.4770, -120.3970, -15.1890

Conversions

Conversions Part 2

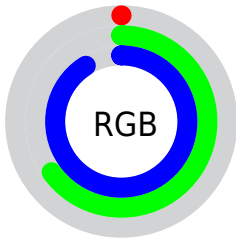
Format	Color
RYB	0, 97, 232
Decimal	42984
CIELab	64.53, -12.92, -42.60
CIELCh	65, 44.513, 253.121
Yxy	33.4636, 0.1983, 0.2338
Android (android.graphics.Color)	4278233064 (0xFF00A7E8)
YUV	124.4770, 53.0088, -109.1663
Hunter-Lab	57.8478, -13.6488, -42.8407

Details

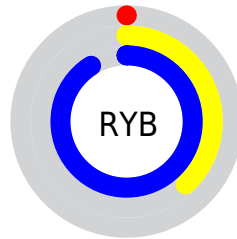
The Android color `4278233064` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4293411072`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4285259519`, and `4278219696` is the 20% darker color. If you saturate the color by 10%, you get `4278233064`, and if you desaturate by 10%, it is `4279742184`.

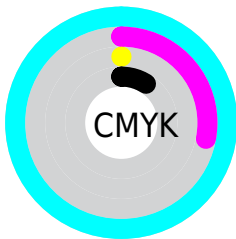
Distribution



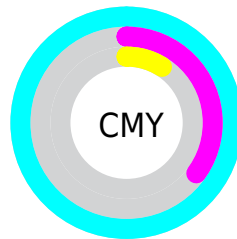
- Red (0%)
- Green (65%)
- Blue (91%)



- Red (0%)
- Yellow (38%)
- Blue (91%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233064 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 4278233064 by changing the saturation by 10% instead.

 4278233064

 4278233064

4294967295

 4278226380

 4285259519


 4278219696

 4287429631

 4278213525

 4289527807

 4278207355

 4291624959

 4278201698

 4293656575

 4278196809

 4278191154

 4278190620

 4278190080

 4278233064

 4279742184

 4281251048

 4282825704

 4284334568

 4285843688

 4287352552

 4288861672

 4290436072

 4291945192

Harmonies

Analogous

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



4278234834



4278233064



4286290922

Triad

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



4278233064



4293426316



4286098017

Complementary

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



4278233064



4293411072

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.



4288979021



4278233064



4292904040

Square

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



4278233064



4292575157



4291334736



4282232708

Rectangle

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



4278233064



4289040607



4291334736



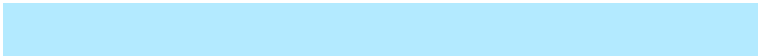
4287080280

Sweetspot

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



4278233064



4289981183



4278249534



4283593600



4278190080



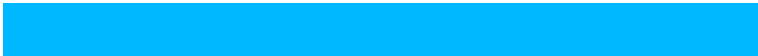
4286611584

Same Dimension

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



4278233064



4278237439



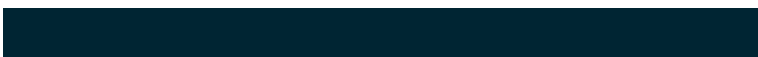
4278204136



4284969075



4278223027



4278199603

Inverse Universe

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



4293394599



4294901944



4293440000



4285753200



4289921152



4281532453

Previews

White Background



This preview shows how the Android color 4278233064 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 4278233064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

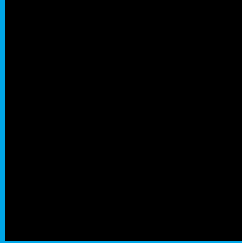
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

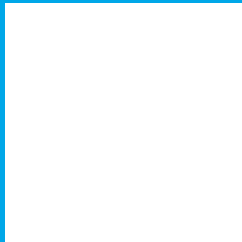
Any Text WCAG AAA ✓ Pass

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

Android 4278233064 Background



This preview shows how black text looks on a background with the Android color 4278233064.



This preview shows how white text looks on a background with the Android color 4278233064.

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

4278233064



Protanomaly

4283801313



Deuteranomaly

4283146218



Tritanomaly

4278234059

Monochromacy



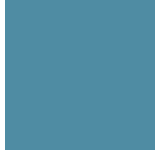
Original Color

4278233064



Achromatopsia

4286348412



Achromatomaly

4283403427

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233064 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, 167, 232)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 232)  
}
```

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, 167, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 232) }
```

Border

The CSS property to change the border of an element to Android 4278233064 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, 167, 232) }
```

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

```
.border{ border-color:rgb(0, 167, 232) }
```

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

Here you see how a box with a 4 pixel rgb(0, 167, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 232);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4278233064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 232) }
```

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

```
.background{ background-color: rgb(0, 167,  
232) }
```

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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