

Converting Colors

Android(4278233315)

Have a look what the booklet for
Android(4278233315) contains.

Android(4278233315)	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(4278233315)

Conversions

Conversions Part 1

Format	Color
Hex	00A8E3
RGB	0, 168, 227
RGB Percent	0%, 66%, 89%
CMY	1.0000, 0.3412, 0.1098
CMYK	1.00, 0.26, 0.00, 0.11
HSL	196°, 100%, 45%
HSV	196°, 100%, 89%
XYZ	27.8678, 33.5513, 77.6803
YIQ	124.4940, -119.0670, -17.2670

Conversions

Conversions Part 2

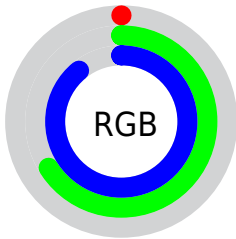
Format	Color
RYB	0, 97, 227
Decimal	43235
CIELab	64.60, -15.27, -39.74
CIELCh	65, 42.567, 248.983
Yxy	33.5513, 0.2003, 0.2412
Android (android.graphics.Color)	4278233315 (0xFF00A8E3)
YUV	124.4940, 50.5355, -109.1812
Hunter-Lab	57.9235, -15.4874, -38.9665

Details

The Android color `4278233315` 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 `4293081856`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4285194239`, and `4278219947` is the 20% darker color. If you saturate the color by 10%, you get `4278233315`, and if you desaturate by 10%, it is `4279742179`.

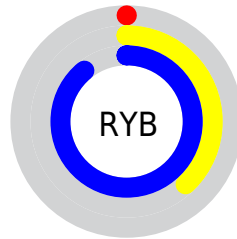
Distribution



Red (0%)

Green (66%)

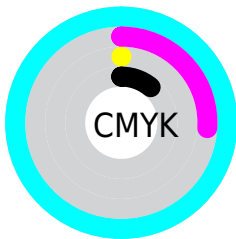
Blue (89%)



Red (0%)

Yellow (38%)

Blue (89%)

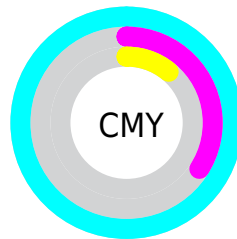


Cyan (100%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (100%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233315 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 4278233315 by changing the saturation by 10% instead.



4278233315



4278233315

4294967295



4278226631



4285194239



4278219947



4287364351



4278213521



4289462271



4278207607



4291493887



4278201950



4293591039



4278197061



4278191151




4278190361



4278190080

 4278233315

 4279742179

 4281185507

 4282694371


 4284203235

 4285711843

 4287155171

 4288664035

 4290172899

 4291616227

Harmonies

Analogous

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



4278235083



4278233315



4285832680

Triad

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



4278233315



4293230227



4286621792

Complementary

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



4278233315



4293081856

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.



4289306192



4278233315



4292904047

Square

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



4278233315



4292182713



4291465558



4283281024

Rectangle

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



4278233315



4288582623



4291465558



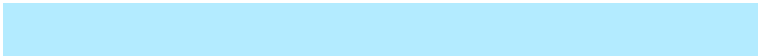
4287604056

Sweetspot

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



4278233315



4289981439



4278248249



4283593856



4278190080



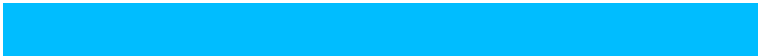
4286611584

Same Dimension

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



4278233315



4278238719



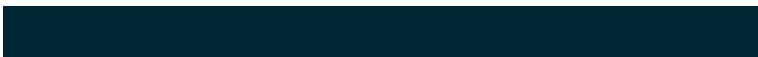
4278204899



4284969075



4278224051



4278199859

Inverse Universe

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



4293066920



4294901949



4293110272



4285753200



4289921156



4281532454

Previews

White Background



This preview shows how the Android color 4278233315 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 4278233315 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 4278233315 Background



This preview shows how black text looks on a background with the Android color 4278233315.



This preview shows how white text looks on a background with the Android color 4278233315.

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

4278233315



Protanomaly

4283932635



Deuteranomaly

4283343077



Tritanomaly

4278234057

Monochromacy



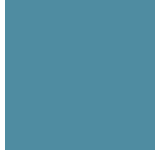
Original Color

4278233315



Achromatopsia

4286348412



Achromatomaly

4283403425

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233315 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, 168, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 227)  
}
```

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, 168, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 227) }
```

Border

The CSS property to change the border of an element to Android 4278233315 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, 168, 227) }
```

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

```
.border{ border-color:rgb(0, 168, 227) }
```

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

Here you see how a box with a 4 pixel rgb(0, 168, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4278233315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 227) }
```

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

```
.background{ background-color: rgb(0, 168,  
227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor