

Converting Colors

Android(4278236915)

Have a look what the booklet for
Android(4278236915) contains.

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Color

Android(4278236915)

Conversions

Conversions Part 1

Format	Color
Hex	00B6F3
RGB	0, 182, 243
RGB Percent	0%, 71%, 95%
CMY	1.0000, 0.2863, 0.0471
CMYK	1.00, 0.25, 0.00, 0.05
HSL	195°, 100%, 48%
HSV	195°, 100%, 95%
XYZ	32.9056, 39.9270, 90.7664
YIQ	134.5360, -128.0530, -19.6130

Conversions

Conversions Part 2

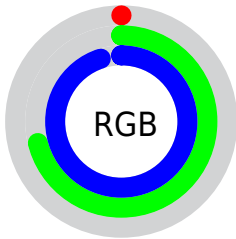
Format	Color
RYB	0, 104, 243
Decimal	46835
CIELab	69.42, -17.09, -40.96
CIELCh	69, 44.380, 247.348
Yxy	39.9270, 0.2011, 0.2441
Android (android.graphics.Color)	4278236915 (0xFF00B6F3)
YUV	134.5360, 53.4728, -117.9881
Hunter-Lab	63.1878, -17.6231, -40.9359

Details

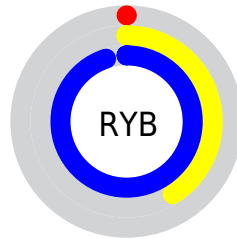
The Android color `4278236915` is a dark color, and the websafe version is hex `33CCFF`. The color can be described as middle saturated azure. A complement of this color would be `4294130944`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4285460223`, and `4278223291` is the 20% darker color. If you saturate the color by 10%, you get `4278236915`, and if you desaturate by 10%, it is `4279811315`.

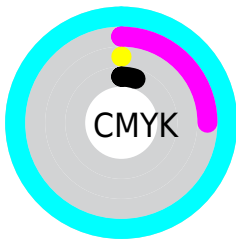
Distribution



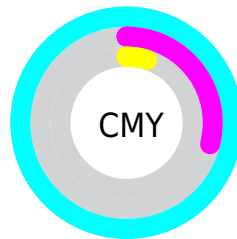
- Red (0%)
- Green (71%)
- Blue (95%)



- Red (0%)
- Yellow (41%)
- Blue (95%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236915 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 4278236915 by changing the saturation by 10% instead.



4278236915



4278236915

4294967295



4278229974



4285460223



4278223291



4287692799



4278216863



4289855487



4278210693



4291887103



4278204779



4293984255



4278199379



4278191675



4278190629



4278190349

 4278236915

 4279811315

 4281451251

 4283025651

 4284600051

 4286174451

 4287814643

 4289389043

 4290963443

 4292603379

Harmonies

Analogous

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



4278238681



4278236915



4286294777

Triad

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



4278236915



4294347169



4287542632

Complementary

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



4278236915



4294130944

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.



4290357848



4278236915



4294086523

Square

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



4278236915



4293168841



4292648031



4284071049

Rectangle

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



4278236915



4289241329



4292648031



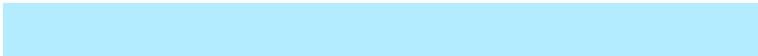
4288524896

Sweetspot

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



4278236915



4289981695



4278252349



4283593856



4278190080



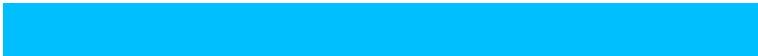
4286611584

Same Dimension

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



4278236915



4278239231



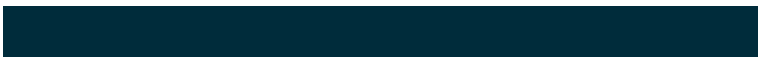
4278205939



4285429626



4278225850



4278201403

Inverse Universe

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



4294115510



4294901951



4294161920



4286213751



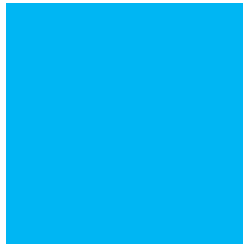
4290379915



4282056748

Previews

White Background



This preview shows how the Android color 4278236915 looks on a white background.

Color Contrast Check

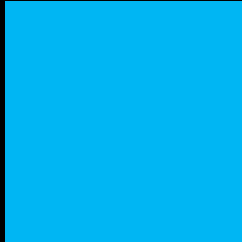
Large Text (above 18pt) WCAG AA × Fail

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 4278236915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

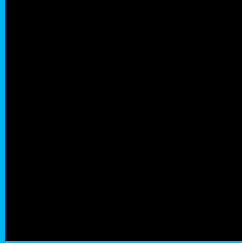
Any Text WCAG AA ✓ Pass

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 4278236915 Background



This preview shows how black text looks on a background with the Android color 4278236915.



This preview shows how white text looks on a background with the Android color 4278236915.

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

4278236915



Protanomaly

4284460267



Deuteranomaly

4283935989



Tritanomaly

4278237656

Monochromacy



Original Color

4278236915



Achromatopsia

4287072135



Achromatomaly

4283865262

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236915 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, 182, 243)` looks like.

```
.text, #text, p{  
    color:rgb(0, 182, 243)  
}
```

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, 182, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 243) }
```

Border

The CSS property to change the border of an element to Android 4278236915 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, 182, 243) }
```

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

```
.border{ border-color:rgb(0, 182, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 182, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 182, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 182, 243);  
box-shadow:4px 4px 4px 4px rgb(0, 182,  
243) }
```

Background

The CSS property to change the background color of an element to Android 4278236915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 182, 243) }
```

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

```
.background{ background-color: rgb(0, 182,  
243) }
```

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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