

Converting Colors

Android(4278236627)

Have a look what the booklet for
Android(4278236627) contains.

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Color

Android(4278236627)

Conversions

Conversions Part 1

Format	Color
Hex	00B5D3
RGB	0, 181, 211
RGB Percent	0%, 71%, 83%
CMY	1.0000, 0.2902, 0.1725
CMYK	1.00, 0.14, 0.00, 0.17
HSL	189°, 100%, 41%
HSV	189°, 100%, 83%
XYZ	28.2817, 37.7509, 67.4241
YIQ	130.3010, -117.5060, -29.0420

Conversions

Conversions Part 2

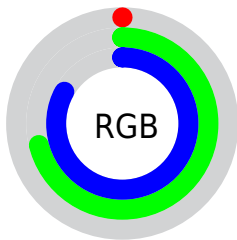
Format	Color
RYB	0, 97, 211
Decimal	46547
CIELab	67.84, -27.56, -25.92
CIELCh	68, 37.837, 223.248
Yxy	37.7509, 0.2119, 0.2829
Android (android.graphics.Color)	4278236627 (0xFF00B5D3)
YUV	130.3010, 39.7846, -114.2740
Hunter-Lab	61.4418, -25.3592, -22.0536

Details

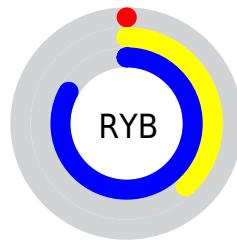
The Android color `4278236627` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed azure. A complement of this color would be `4292025856`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4285066751`, and `4278223004` is the 20% darker color. If you saturate the color by 10%, you get `4278236627`, and if you desaturate by 10%, it is `4279613651`.

Distribution



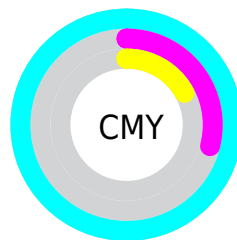
- Red (0%)
- Green (71%)
- Blue (83%)



- Red (0%)
- Yellow (38%)
- Blue (83%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



















- Cyan (100%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236627 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 4278236627 by changing the saturation by 10% instead.

 4278236627	 4278236627
4294967295	 4278229687
 4285066751	 4278223004
 4287234047	 4278216322
 4289331199	 4278210153
 4291362815	 4278204241
 4293394431	 4278199098
	 4278190628
	 4278190092
	 4278190080

■ 4278236627

■ 4279613651

■ 4280990675

■ 4282367699

■ 4283744723

■ 4285187283

■ 4286564307

■ 4287941331

■ 4289318355

■ 4290695379

Harmonies

Analogous

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



4280596660



4278236627



4283477734

Triad

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



4278236627



4292644282



4289570914

Complementary

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



4278236627



4292025856

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.



4291599716



4278236627



4293430167

Square

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



4278236627



4290549719



4292972920



4287082866

Rectangle

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



4278236627



4286162921



4292972920



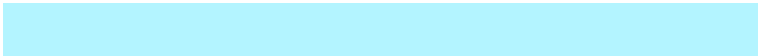
4290290784

Sweetspot

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



4278236627



4289983743



4278244124



4283595136



4278190080



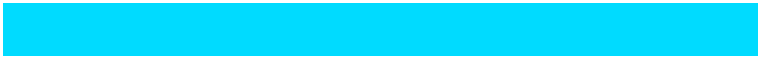
4286611584

Same Dimension

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



4278236627



4278246399



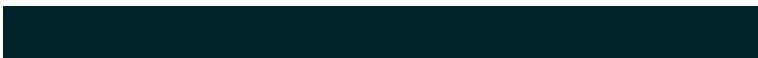
4278210003



4284376937



4278227112



4278199081

Inverse Universe

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



4292018357



4294901979



4292052480



4285095527



4289200272



4280877091

Previews

White Background



This preview shows how the Android color 4278236627 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 4278236627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

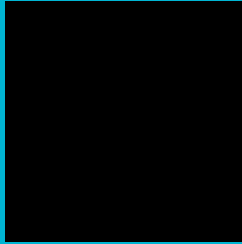
Any Text WCAG AA ✓ Pass

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 4278236627 Background



This preview shows how black text looks on a background with the Android color 4278236627.



This preview shows how white text looks on a background with the Android color 4278236627.

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

4278236627



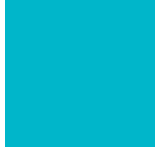
Protanomaly

4284721867



Deuteranomaly

4284590550



Tritanomaly

4278236874

Monochromacy



Original Color

4278236627



Achromatopsia

4286743170



Achromatomaly

4283667871

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236627 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, 181, 211)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 211)  
}
```

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, 181, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 211) }
```

Border

The CSS property to change the border of an element to Android 4278236627 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, 181, 211) }
```

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

```
.border{ border-color:rgb(0, 181, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 181, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 211);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
211) }
```

Background

The CSS property to change the background color of an element to Android 4278236627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 211) }
```

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

```
.background{ background-color: rgb(0, 181,  
211) }
```

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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