

Converting Colors

Android(4278235622)

Have a look what the booklet for
Android(4278235622) contains.

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Color

Android(4278235622)

Conversions

Conversions Part 1

Format	Color
Hex	00B1E6
RGB	0, 177, 230
RGB Percent	0%, 69%, 90%
CMY	1.0000, 0.3059, 0.0980
CMYK	1.00, 0.23, 0.00, 0.10
HSL	194°, 100%, 45%
HSV	194°, 100%, 90%
XYZ	30.0051, 37.1575, 80.4536
YIQ	130.1190, -122.5050, -21.0410

Conversions

Conversions Part 2

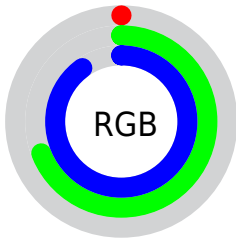
Format	Color
RYB	0, 100, 230
Decimal	45542
CIELab	67.39, -19.01, -37.03
CIELCh	67, 41.621, 242.824
Yxy	37.1575, 0.2033, 0.2517
Android (android.graphics.Color)	4278235622 (0xFF00B1E6)
YUV	130.1190, 49.2413, -114.1144
Hunter-Lab	60.9569, -18.8108, -35.5837

Details

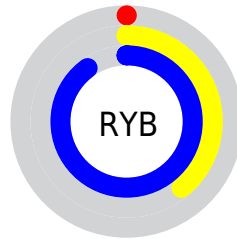
The Android color `4278235622` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4293276928`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4285262335`, and `4278221998` is the 20% darker color. If you saturate the color by 10%, you get `4278235622`, and if you desaturate by 10%, it is `4279744230`.

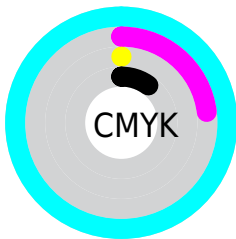
Distribution



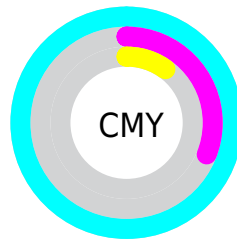
- Red (0%)
- Green (69%)
- Blue (90%)



- Red (0%)
- Yellow (39%)
- Blue (90%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278235622 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 4278235622 by changing the saturation by 10% instead.

 4278235622

 4278235622

4294967295

 4278228682

 4285262335

 4278221998

 4287496191

 4278215571

 4289593343

 4278209401

 4291624959

 4278203744

 4293722111

 4278198600

 4278191153

 4278190364

 4278190080

■ 4278235622

■ 4279744230

■ 4281253094

■ 4282761702

■ 4284270310

■ 4285778918

■ 4287287782

■ 4288796390

■ 4290304998

■ 4291813862

Harmonies

Analogous

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



4278237132



4278235622



4285573103

Triad

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



4278235622



4293559970



4287737443

Complementary

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



4278235622



4293276928

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.



4290290520



4278235622



4293560957

Square

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



4278235622



4292250823



4292318818



4284659073

Rectangle

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



4278235622



4288323305



4292318818



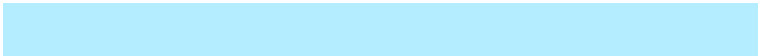
4288654173

Sweetspot

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



4278235622



4289981951



4278249010



4283594112



4278190080



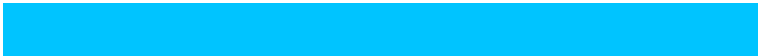
4286611584

Same Dimension

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



4278235622



4278240511



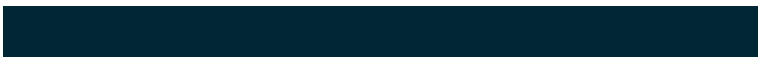
4278206950



4284969075



4278225331



4278200115

Inverse Universe

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



4293263537



4294901956



4293305600



4285753200



4289921161



4281532455

Previews

White Background



This preview shows how the Android color 4278235622 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 4278235622 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 4278235622 Background



This preview shows how black text looks on a background with the Android color 4278235622.



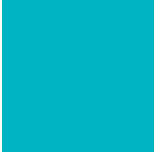
This preview shows how white text looks on a background with the Android color 4278235622.

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
4278236611

Trichromacy



Original Color

4278235622



Protanomaly

4284393438



Deuteranomaly

4283934697



Tritanomaly

4278236368

Monochromacy



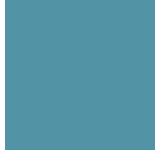
Original Color

4278235622



Achromatopsia

4286743170



Achromatomaly

4283667366

CSS Examples

Text

The CSS property to change the color of the text to Android 4278235622 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, 177, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 230)  
}
```

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, 177, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 230) }
```

Border

The CSS property to change the border of an element to Android 4278235622 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, 177, 230) }
```

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

```
.border{ border-color:rgb(0, 177, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 177, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
230) }
```

Background

The CSS property to change the background color of an element to Android 4278235622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 177, 230) }
```

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

```
.background{ background-color: rgb(0, 177,  
230) }
```

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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