

Converting Colors

Android(4278236400)

Have a look what the booklet for
Android(4278236400) contains.

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Color

Android(4278236400)

Conversions

Conversions Part 1

Format	Color
Hex	00B4F0
RGB	0, 180, 240
RGB Percent	0%, 71%, 94%
CMY	1.0000, 0.2941, 0.0588
CMYK	1.00, 0.25, 0.00, 0.06
HSL	195°, 100%, 47%
HSV	195°, 100%, 94%
XYZ	32.0494, 38.9338, 88.2639
YIQ	133.0200, -126.5400, -19.5000

Conversions

Conversions Part 2

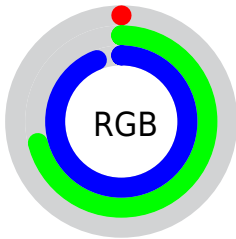
Format	Color
RYB	0, 103, 240
Decimal	46320
CIELab	68.70, -17.09, -40.44
CIELCh	69, 43.903, 247.097
Yxy	38.9338, 0.2013, 0.2445
Android (android.graphics.Color)	4278236400 (0xFF00B4F0)
YUV	133.0200, 52.7411, -116.6585
Hunter-Lab	62.3969, -17.5103, -40.1911

Details

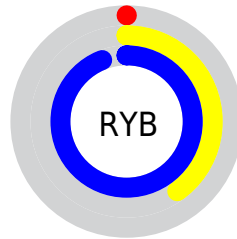
The Android color `4278236400` is a dark color, and the websafe version is hex `33CCFF`. The color can be described as middle saturated azure. A complement of this color would be `4293934080`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4285459711`, and `4278222776` is the 20% darker color. If you saturate the color by 10%, you get `4278236400`, and if you desaturate by 10%, it is `4279810800`.

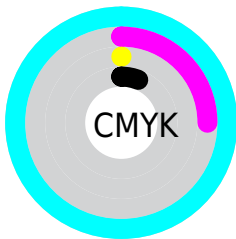
Distribution



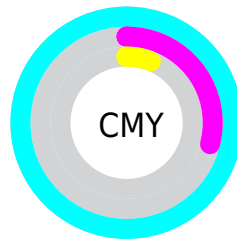
- Red (0%)
- Green (71%)
- Blue (94%)



- Red (0%)
- Yellow (40%)
- Blue (94%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236400 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 4278236400 by changing the saturation by 10% instead.

 4278236400

 4278236400

4294967295

 4278229460

 4285459711

 4278222776

 4287627263

 4278216349

 4289789951

 4278210178

 4291821567

 4278204265

 4293918719

 4278199120

 4278191417

 4278190627

 4278190089

 4278236400

 4279810800

 4281385200

 4282959600

 4284534000

 4286108400

 4287682800

 4289257200

 4290831600

 4292406000

Harmonies

Analogous

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



4278238166



4278236400



4286163190

Triad

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



4278236400



4294150048



4287476582

Complementary

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



4278236400



4293934080

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.



4290226263



4278236400



4293889402

Square

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



4278236400



4292971719



4292451167



4284070535

Rectangle

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



4278236400



4289044462



4292451167



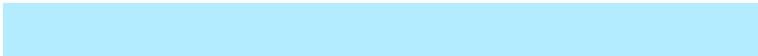
4288458847

Sweetspot

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



4278236400



4289981695



4278251580



4283593856



4278190080



4286611584

Same Dimension

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



4278236400



4278239231



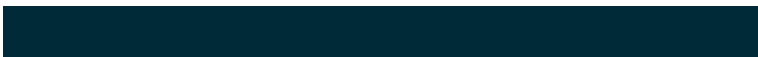
4278205680



4285298040



4278225592



4278200888

Inverse Universe

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



4293918900



4294901951



4293964800



4286082165



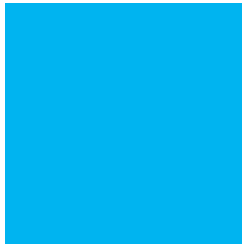
4290248842



4281860138

Previews

White Background



This preview shows how the Android color 4278236400 looks on a white background.

Color Contrast Check

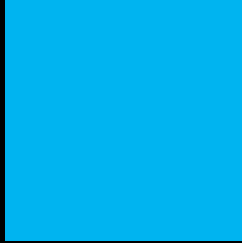
Large Text (above 18pt) WCAG AA × Fail

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 4278236400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

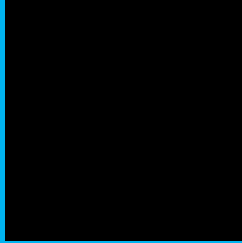
Any Text WCAG AA ✓ Pass

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 4278236400 Background



This preview shows how black text looks on a background with the Android color 4278236400.



This preview shows how white text looks on a background with the Android color 4278236400.

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

4278236400



Protanomaly

4284394216



Deuteranomaly

4283804402



Tritanomaly

4278237142

Monochromacy



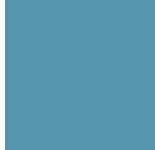
Original Color

4278236400



Achromatopsia

4286940549



Achromatomaly

4283799212

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236400 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, 180, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 240)  
}
```

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, 180, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 240) }
```

Border

The CSS property to change the border of an element to Android 4278236400 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, 180, 240) }
```

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

```
.border{ border-color:rgb(0, 180, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4278236400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 240) }
```

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

```
.background{ background-color: rgb(0, 180,  
240) }
```

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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