

Converting Colors

Android(4278232797)

Have a look what the booklet for
Android(4278232797) contains.

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Color

Android(4278232797)

Conversions

Conversions Part 1

Format	Color
Hex	00A6DD
RGB	0, 166, 221
RGB Percent	0%, 65%, 87%
CMY	1.0000, 0.3490, 0.1333
CMYK	1.00, 0.25, 0.00, 0.13
HSL	195°, 100%, 43%
HSV	195°, 100%, 87%
XYZ	26.6874, 32.4929, 73.2718
YIQ	122.6360, -116.5910, -18.0870

Conversions

Conversions Part 2

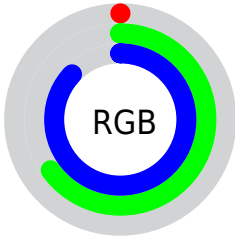
Format	Color
RYB	0, 95, 221
Decimal	42717
CIELab	63.75, -16.33, -37.77
CIELCh	64, 41.146, 246.614
Yxy	32.4929, 0.2015, 0.2453
Android (android.graphics.Color)	4278232797 (0xFF00A6DD)
YUV	122.6360, 48.4935, -107.5518
Hunter-Lab	57.0025, -16.1846, -36.3104

Details

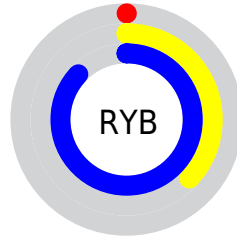
The Android color `4278232797` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4292687616`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4285128191`, and `4278219430` is the 20% darker color. If you saturate the color by 10%, you get `4278232797`, and if you desaturate by 10%, it is `4279676125`.

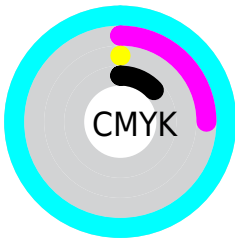
Distribution



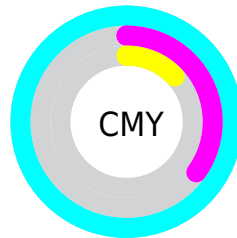
- Red (0%)
- Green (65%)
- Blue (87%)



- Red (0%)
- Yellow (37%)
- Blue (87%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278232797 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 4278232797 by changing the saturation by 10% instead.



4278232797



4278232797

4294967295



4278226113



4285128191



4278219430



4287232767



4278213259



4289331199



4278207089



4291362815



4278201433



4293394431



4278196545



4278190890




4278190356



4278190080

 4278232797

 4279676125

 4281119197

 4282562525

 4284005597

 4285514461

 4286957533

 4288400861

 4289843933

 4291287261

Harmonies

Analogous

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



4278234309



4278232797



4285504483

Triad

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



4278232797



4292902292



4286752094

Complementary

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



4278232797



4292687616

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.



4289305424



4278232797



4292706929

Square

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



4278232797



4291789240



4291399255



4283673468

Rectangle

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



4278232797



4288189148



4291399255



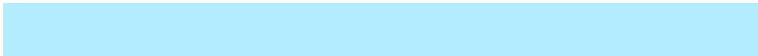
4287668823

Sweetspot

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



4278232797



4289981695



4278246708



4283593856



4278190080



4286611584

Same Dimension

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



4278232797



4278239487



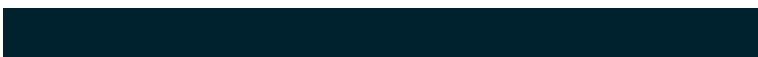
4278205405



4284705646



4278223533



4278198830

Inverse Universe

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



4292673702



4294901952



4292715008



4285424491



4289527938



4281204770

Previews

White Background



This preview shows how the Android color 4278232797 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 4278232797 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 4278232797 Background



This preview shows how black text looks on a background with the Android color 4278232797.

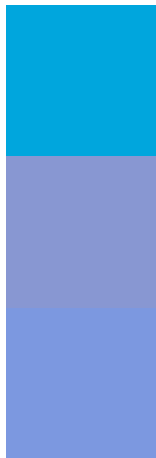


This preview shows how white text looks on a background with the Android color 4278232797.

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](#).

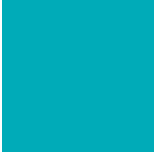
Dichromacy



Original Color
4278232797

Protanopia
4287141842

Deuteranopia
4286355680



Tritanopia
4278234040

Trichromacy



Original Color

4278232797



Protanomaly

4283931862



Deuteranomaly

4283407839



Tritanomaly

4278233541

Monochromacy



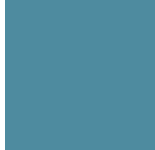
Original Color

4278232797



Achromatopsia

4286282619



Achromatomaly

4283337631

CSS Examples

Text

The CSS property to change the color of the text to Android 4278232797 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, 166, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 221)  
}
```

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, 166, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 221) }
```

Border

The CSS property to change the border of an element to Android 4278232797 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, 166, 221) }
```

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

```
.border{ border-color:rgb(0, 166, 221) }
```

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

Here you see how a box with a 4 pixel rgb(0, 166, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4278232797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 221) }
```

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

```
.background{ background-color: rgb(0, 166,  
221) }
```

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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