

Converting Colors

Android(4278231750)

Have a look what the booklet for
Android(4278231750) contains.

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Color

Android(4278231750)

Conversions

Conversions Part 1

Format	Color
Hex	00A2C6
RGB	0, 162, 198
RGB Percent	0%, 64%, 78%
CMY	1.0000, 0.3647, 0.2235
CMYK	1.00, 0.18, 0.00, 0.22
HSL	191°, 100%, 39%
HSV	191°, 100%, 78%
XYZ	23.1134, 29.9179, 57.9826
YIQ	117.6660, -108.1080, -23.1480

Conversions

Conversions Part 2

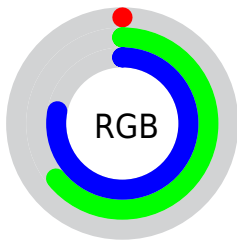
Format	Color
RYB	0, 89, 198
Decimal	41670
CIELab	61.58, -22.32, -28.35
CIELCh	62, 36.080, 231.780
Yxy	29.9179, 0.2082, 0.2695
Android (android.graphics.Color)	4278231750 (0xFF00A2C6)
YUV	117.6660, 39.6047, -103.1931
Hunter-Lab	54.6972, -20.2915, -24.5632

Details

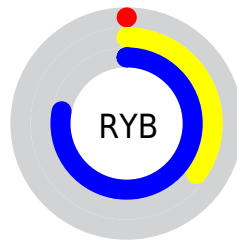
The Android color `4278231750` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4291175424`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4284799487`, and `4278218384` is the 20% darker color. If you saturate the color by 10%, you get `4278231750`, and if you desaturate by 10%, it is `4279543494`.

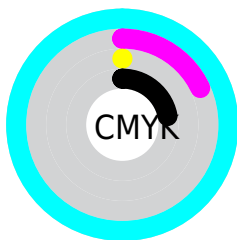
Distribution



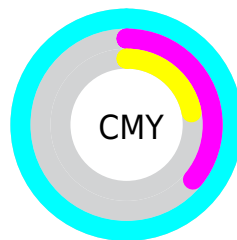
- Red (0%)
- Green (64%)
- Blue (78%)



- Red (0%)
- Yellow (35%)
- Blue (78%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231750 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 4278231750 by changing the saturation by 10% instead.

 4278231750

 4278231750

4294967295

 4278225067

 4284799487

 4278218384

 4286904063

 4278212214

 4288937983

 4278206045

 4290904063

 4278200390

 4292935679

 4278193711

 4278190362

 4278190080

 4278231750

 4279543494

 4280854982

 4282101190

 4283412678

 4284724422

 4286036166

 4287347654

 4288593862

 4289905350

Harmonies

Analogous

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



4278232491



4278231750



4283734995

Triad

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



4278231750



4291656863



4287797848

Complementary

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



4278231750



4291175424

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.



4289826901



4278231750



4292050303

Square

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



4278231750



4290020541



4291331428



4285374828

Rectangle

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



4278231750



4286223571



4291331428



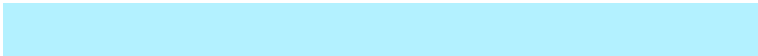
4288517973

Sweetspot

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



4278231750



4289982975



4278240801



4283594624



4278190080



4286611584

Same Dimension

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



4278231750



4278243839



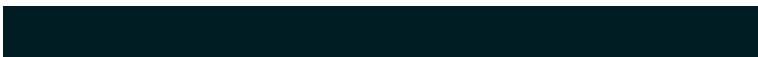
4278207174



4284113507



4278224547



4278197540

Inverse Universe

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



4291166370



4294901969



4291200000



4284701282



4288872582



4280549405

Previews

White Background



This preview shows how the Android color 4278231750 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4278231750 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278231750 Background



This preview shows how black text looks on a background with the Android color 4278231750.



This preview shows how white text looks on a background with the Android color 4278231750.

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

4278231750



Protanomaly

4283996350



Deuteranomaly

4283734217



Tritanomaly

4278231993

Monochromacy



Original Color

4278231750



Achromatopsia

4285953654



Achromatomaly

4283139731

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231750 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, 162, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 198)  
}
```

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, 162, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 198) }
```

Border

The CSS property to change the border of an element to Android 4278231750 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, 162, 198) }
```

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

```
.border{ border-color:rgb(0, 162, 198) }
```

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

Here you see how a box with a 4 pixel rgb(0, 162, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4278231750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 198) }
```

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

```
.background{ background-color: rgb(0, 162,  
198) }
```

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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