

Converting Colors

Android(4278228917)

Have a look what the booklet for
Android(4278228917) contains.

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Color

Android(4278228917)

Conversions

Conversions Part 1

Format	Color
Hex	0097B5
RGB	0, 151, 181
RGB Percent	0%, 59%, 71%
CMY	1.0000, 0.4078, 0.2902
CMYK	1.00, 0.17, 0.00, 0.29
HSL	190°, 100%, 35%
HSV	190°, 100%, 71%
XYZ	19.4071, 25.4694, 47.6093
YIQ	109.2710, -99.6260, -22.6820

Conversions

Conversions Part 2

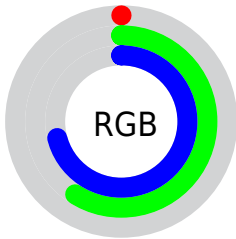
Format	Color
RYB	0, 82, 181
Decimal	38837
CIELab	57.53, -22.51, -25.02
CIELCh	58, 33.661, 228.025
Yxy	25.4694, 0.2098, 0.2754
Android (android.graphics.Color)	4278228917 (0xFF0097B5)
YUV	109.2710, 35.3624, -95.8307
Hunter-Lab	50.4672, -19.6757, -20.6054

Details

The Android color `4278228917` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4290059776`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4284468717`, and `4278215808` is the 20% darker color. If you saturate the color by 10%, you get `4278228917`, and if you desaturate by 10%, it is `4279409333`.

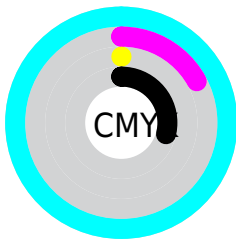
Distribution



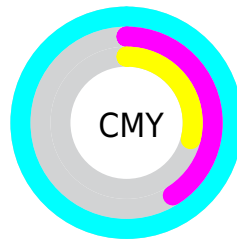
- Red (0%)
- Green (59%)
- Blue (71%)



- Red (0%)
- Yellow (32%)
- Blue (71%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)




















- Cyan (100%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228917 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 4278228917 by changing the saturation by 10% instead.

 4278228917	 4278228917
 4294967295	 4278222234
 4284468717	 4278215808
 4286507775	 4278209639
 4288544767	 4278203727
 4290510847	 4278198584
 4292476927	 4278190626
 4294508543	 4278190089
	 4278190080

 4278228917

■ 4279409333

■ 4280589749

■ 4281770165

■ 4282950581

■ 4284196533

■ 4285376949

■ 4286557365

■ 4287737781

■ 4288918197

Harmonies

Analogous

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



4278950555



4278228917



4283011523

Triad

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



4278228917



4290540695



4287401553

Complementary

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



4278228917



4290059776

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.



4289234001



4278228917



4290999417

Square

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



4278228917



4288904370



4290542176



4285175138

Rectangle

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



4278228917



4285303492



4290542176



4288056143

Sweetspot

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



4278228917



4288995307



4278236443



4283133557



4294309365



4285887861

Same Dimension

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



4278228917



4278240491



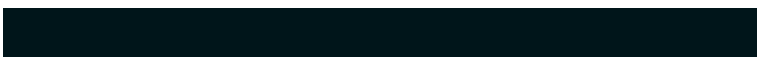
4278206389



4283455577



4278223001



4278195482

Inverse Universe

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



4290052247



4293591236



4290082304



4284043352



4288217216



4279894037

Previews

White Background



This preview shows how the Android color 4278228917 looks on a white background.

Color Contrast Check

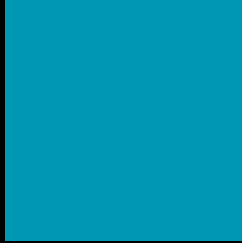
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228917 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 4278228917 Background



This preview shows how black text looks on a background with the Android color 4278228917.



This preview shows how white text looks on a background with the Android color 4278228917.

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
4278228917

Protanomaly
4283600302

Deuteranomaly
4283469240

Tritanomaly
4278229163

Monochromacy



Original Color
4278228917

Achromatopsia
4285361517

Achromatomaly
4282743943

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228917 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, 151, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 181)  
}
```

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, 151, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 181) }
```

Border

The CSS property to change the border of an element to Android 4278228917 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, 151, 181) }
```

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

```
.border{ border-color:rgb(0, 151, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4278228917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 181) }
```

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

```
.background{ background-color: rgb(0, 151,  
181) }
```

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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