

Converting Colors

Android(4278228663)

Have a look what the booklet for
Android(4278228663) contains.

Android(4278228663)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278228663)

Conversions

Conversions Part 1

Format	Color
Hex	0096B7
RGB	0, 150, 183
RGB Percent	0%, 59%, 72%
CMY	1.0000, 0.4118, 0.2824
CMYK	1.00, 0.18, 0.00, 0.28
HSL	191°, 100%, 36%
HSV	191°, 100%, 72%
XYZ	19.4536, 25.2316, 48.6446
YIQ	108.9120, -99.9930, -21.5370

Conversions

Conversions Part 2

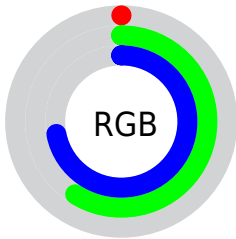
Format	Color
RYB	0, 82, 183
Decimal	38583
CIELab	57.30, -21.29, -26.51
CIELCh	57, 34.002, 231.238
Yxy	25.2316, 0.2084, 0.2703
Android (android.graphics.Color)	4278228663 (0xFF0096B7)
YUV	108.9120, 36.5254, -95.5158
Hunter-Lab	50.2311, -18.7745, -22.2557

Details

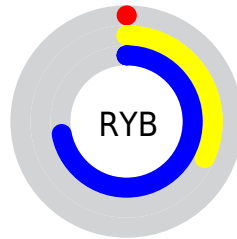
The Android color `4278228663` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4290191616`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4284468463`, and `4278215554` is the 20% darker color. If you saturate the color by 10%, you get `4278228663`, and if you desaturate by 10%, it is `4279409079`.

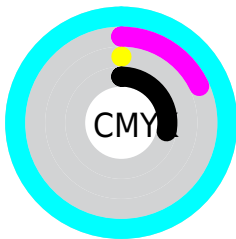
Distribution



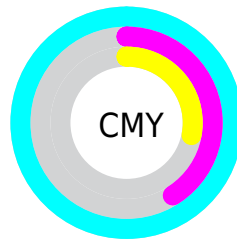
- Red (0%)
- Green (59%)
- Blue (72%)



- Red (0%)
- Yellow (32%)
- Blue (72%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228663 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 4278228663 by changing the saturation by 10% instead.

 4278228663

 4278228663

4294967295

 4278221980

 4284468463

 4278215554

 4286573055

 4278209385

 4288544767

 4278203472

 4290510847

 4278198329

 4292542463

 4278190628

 4294508543

 4278190091

 4278190080

 4278228663

■ 4279409079

■ 4280655287

■ 4281835703

■ 4283016119

■ 4284262071

■ 4285442743

■ 4286623159

■ 4287803575

■ 4289049783

Harmonies

Analogous

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



4278229406



4278228663



4283273156

Triad

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



4278228663



4290605972



4287139409

Complementary

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



4278228663



4290191616

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.



4289037647



4278228663



4290999158

Square

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



4278228663



4289100463



4290411356



4284847459

Rectangle

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



4278228663



4285565380



4290411356



4287793998

Sweetspot

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



4278228663



4289126637



4278236958



4283265144



4294440951



4286085240

Same Dimension

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



4278228663



4278239981



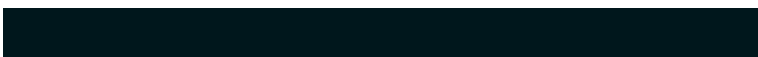
4278205879



4283652700



4278222748



4278195996

Inverse Universe

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



4290183318



4293722306



4290214400



4284240730



4288413824



4280025111

Previews

White Background



This preview shows how the Android color 4278228663 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 4278228663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

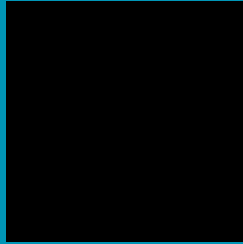
Any Text WCAG AA ✓ Pass

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 4278228663 Background



This preview shows how black text looks on a background with the Android color 4278228663.



This preview shows how white text looks on a background with the Android color 4278228663.

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

4278228663



Protanomaly

4283534512



Deuteranomaly

4283337913



Tritanomaly

4278228907

Monochromacy



Original Color

4278228663



Achromatopsia

4285361517



Achromatomaly

4282743944

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228663 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, 150, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 183)  
}
```

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, 150, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 183) }
```

Border

The CSS property to change the border of an element to Android 4278228663 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, 150, 183) }
```

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

```
.border{ border-color:rgb(0, 150, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 150, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 150, 183); box-shadow:4px 4px 4px 4px rgb(0, 150, 183) }
```

Background

The CSS property to change the background color of an element to Android 4278228663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 183) }
```

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

```
.background{ background-color: rgb(0, 150,  
183) }
```

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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