

Converting Colors

Android(4278223013)

Have a look what the booklet for
Android(4278223013) contains.

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Color

Android(4278223013)

Conversions

Conversions Part 1

Format	Color
Hex	0080A5
RGB	0, 128, 165
RGB Percent	0%, 50%, 65%
CMY	1.0000, 0.4980, 0.3529
CMYK	1.00, 0.22, 0.00, 0.35
HSL	193°, 100%, 32%
HSV	193°, 100%, 65%
XYZ	14.5107, 18.1550, 38.3368
YIQ	93.9460, -88.1650, -15.6290

Conversions

Conversions Part 2

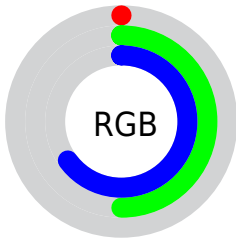
Format	Color
RYB	0, 72, 165
Decimal	32933
CIELab	49.68, -15.89, -27.98
CIELCh	50, 32.175, 240.410
Yxy	18.1550, 0.2044, 0.2557
Android (android.graphics.Color)	4278223013 (0xFF0080A5)
YUV	93.9460, 35.0296, -82.3906
Hunter-Lab	42.6086, -13.7755, -23.5197

Details

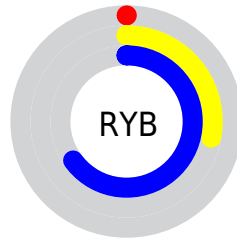
The Android color `4278223013` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289012992`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284069340`, and `4278210417` is the 20% darker color. If you saturate the color by 10%, you get `4278223013`, and if you desaturate by 10%, it is `4279272613`.

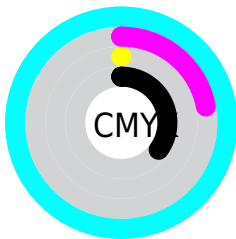
Distribution



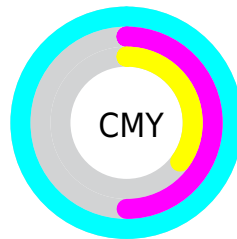
- Red (0%)
- Green (50%)
- Blue (65%)



- Red (0%)
- Yellow (28%)
- Blue (65%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278223013 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 4278223013 by changing the saturation by 10% instead.

 4278223013

 4278223013

4294967295

 4278216587

 4284069340

 4278210417

 4286107897

 4278204504

 4288015871

 4278198849

 4289986559

 4278190891

 4291887103

 4278190357

 4293853183

 4278190080

 4278223013

 4279272613

■ 4280387493

■ 4281502629

■ 4282552229

■ 4283601829

■ 4284716709

■ 4285766309

■ 4286881445

■ 4287930789

Harmonies

Analogous

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



4278224017



4278223013



4283201964

Triad

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



4278223013



4289290359



4285234502

Complementary

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



4278223013



4289012992

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.



4287067455



4278223013



4289291100

Square

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



4278223013



4288243090



4288506695



4283007578

Rectangle

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



4278223013



4285297321



4288506695



4285889090

Sweetspot

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



4278223013



4288071894



4278232356



4282737259



4293651435



4285229931

Same Dimension

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



4278223013



4278232790



4278202277



4282994770



4278219153



4278193682

Inverse Universe

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



4289003648



4292214950



4289033728



4283582800



4287692913



4279369742

Previews

White Background



This preview shows how the Android color 4278223013 looks on a white background.

Color Contrast Check

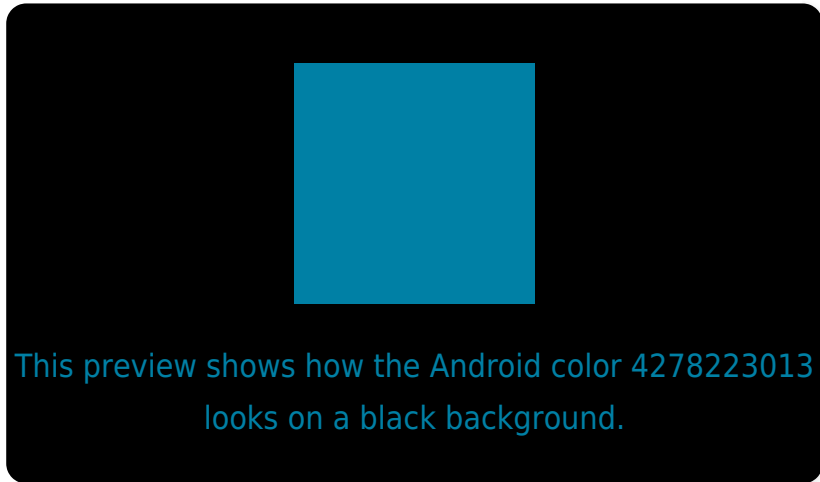
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 4278223013 Background



This preview shows how black text looks on a background with the Android color 4278223013.



This preview shows how white text looks on a background with the Android color 4278223013.

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
4278223013

Protanomaly
4282677407

Deuteranomaly
4282349991

Tritanomaly
4278223510

Monochromacy



Original Color
4278223013

Achromatopsia
4284374622

Achromatomaly
4282149496

CSS Examples

Text

The CSS property to change the color of the text to Android 4278223013 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, 128, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 165)  
}
```

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, 128, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 165) }
```

Border

The CSS property to change the border of an element to Android 4278223013 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, 128, 165) }
```

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

```
.border{ border-color:rgb(0, 128, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
165) }
```

Background

The CSS property to change the background color of an element to Android 4278223013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 165) }
```

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

```
.background{ background-color: rgb(0, 128,  
165) }
```

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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