

Converting Colors

Android(4278223817)

Have a look what the booklet for
Android(4278223817) contains.

Android(4278223817)	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(4278223817)

Conversions

Conversions Part 1

Format	Color
Hex	0083C9
RGB	0, 131, 201
RGB Percent	0%, 51%, 79%
CMY	1.0000, 0.4863, 0.2118
CMYK	1.00, 0.35, 0.00, 0.21
HSL	201°, 100%, 39%
HSV	201°, 100%, 79%
XYZ	18.6589, 20.4496, 58.2221
YIQ	99.8110, -100.5460, -6.0020

Conversions

Conversions Part 2

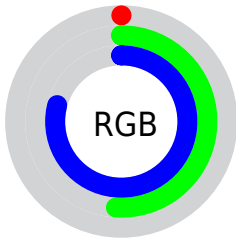
Format	Color
RYB	0, 79, 201
Decimal	33737
CIELab	52.34, -3.98, -44.50
CIELCh	52, 44.680, 264.885
Yxy	20.4496, 0.1917, 0.2101
Android (android.graphics.Color)	4278223817 (0xFF0083C9)
YUV	99.8110, 49.8862, -87.5342
Hunter-Lab	45.2213, -5.4857, -44.6806

Details

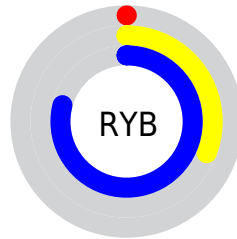
The Android color `4278223817` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4291380736`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4284659967`, and `4278211218` is the 20% darker color. If you saturate the color by 10%, you get `4278223817`, and if you desaturate by 10%, it is `4279536329`.

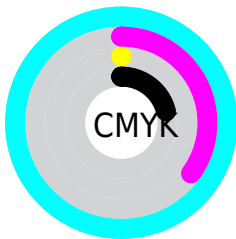
Distribution



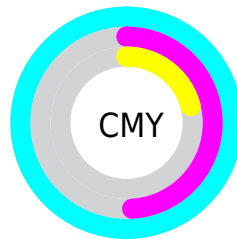
- Red (0%)
- Green (51%)
- Blue (79%)



- Red (0%)
- Yellow (31%)
- Blue (79%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (49%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278223817 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 4278223817 by changing the saturation by 10% instead.

 4278223817

 4278223817

4294967295

 4278217389

 4284659967

 4278211218

 4286764031

 4278205560

 4288737279

 4278199903

 4290772991

 4278194759

 4292739071

 4278191152

 4294770687

 4278190362

 4278190080

 4278223817

■ 4279536329

■ 4280848841

■ 4282161353

■ 4283473865

■ 4284851913

■ 4286164425

■ 4287476937

■ 4288789449

■ 4290101961

Harmonies

Analogous

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



4278226107



4278223817



4285822403

Triad

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



4278223817



4290993759



4282616911

Complementary

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



4278223817



4291380736

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.



4285760563



4278223817



4290013759

Square

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



4278223817



4290731141



4288182573



4278226805

Rectangle

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



4278223817



4288179123



4288182573



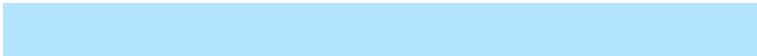
4283796036

Sweetspot

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



4278223817



4289979647



4278241603



4283592832



4278190080



4286611584

Same Dimension

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



4278223817



4278232831



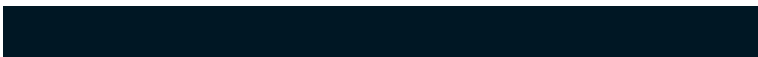
4278198985



4284112995



4278217379



4278196004

Inverse Universe

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



4291362947



4294901926



4291405824



4284701280



4288872554



4280549399

Previews

White Background



This preview shows how the Android color 4278223817 looks on a white background.

Color Contrast Check

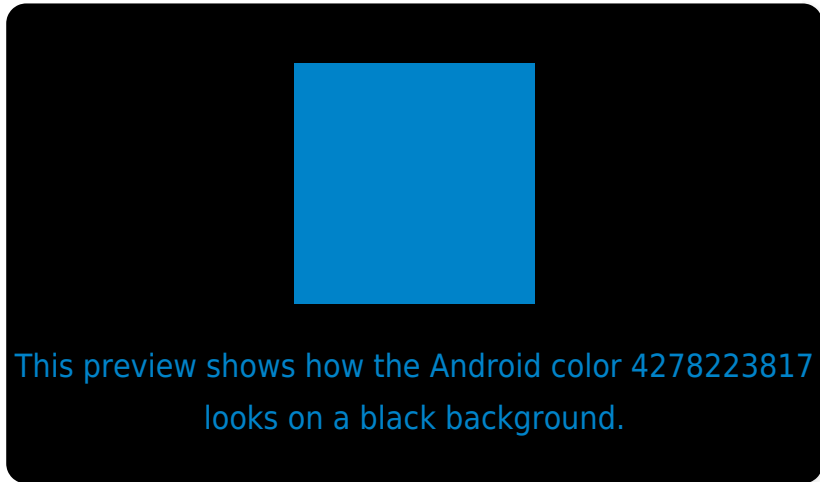
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

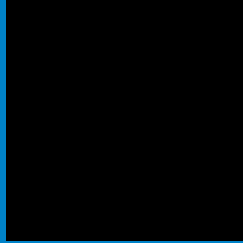
Any Text WCAG AA ✓ Pass

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 4278223817 Background



This preview shows how black text looks on a background with the Android color 4278223817.



This preview shows how white text looks on a background with the Android color 4278223817.

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
4278223817

Protanomaly
4282285508

Deuteranomaly
4281368522

Tritanomaly
4278224807

Monochromacy



Original Color
4278223817

Achromatopsia
4284769380

Achromatomaly
4282412937

CSS Examples

Text

The CSS property to change the color of the text to Android 4278223817 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, 131, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 201)  
}
```

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, 131, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 201) }
```

Border

The CSS property to change the border of an element to Android 4278223817 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, 131, 201) }
```

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

```
.border{ border-color:rgb(0, 131, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 131, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4278223817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 201) }
```

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

```
.background{ background-color: rgb(0, 131,  
201) }
```

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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