

Converting Colors

Android(4279673823)

Have a look what the booklet for
Android(4279673823) contains.

Android(4279673823)	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(4279673823)

Conversions

Conversions Part 1

Format	Color
Hex	16A3DF
RGB	22, 163, 223
RGB Percent	9%, 64%, 87%
CMY	0.9137, 0.3608, 0.1255
CMYK	0.90, 0.27, 0.00, 0.13
HSL	198°, 82%, 48%
HSV	198°, 90%, 87%
XYZ	26.7474, 31.6927, 74.5196
YIQ	127.6810, -103.2960, -11.2320

Conversions

Conversions Part 2

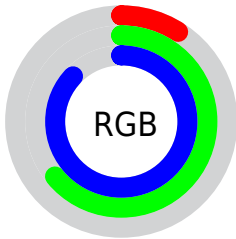
Format	Color
RYB	22, 105, 223
Decimal	1483743
CIELab	63.09, -13.24, -39.89
CIELCh	63, 42.033, 251.638
Yxy	31.6927, 0.2012, 0.2384
Android (android.graphics.Color)	4279673823 (0xFF16A3DF)
YUV	127.6810, 46.9923, -92.6822
Hunter-Lab	56.2962, -13.7099, -39.0751

Details

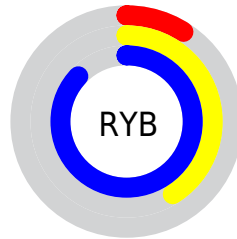
The Android color `4279673823` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4292825622`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4285389567`, and `4278218663` is the 20% darker color. If you saturate the color by 10%, you get `4278230239`, and if you desaturate by 10%, it is `4281117407`.

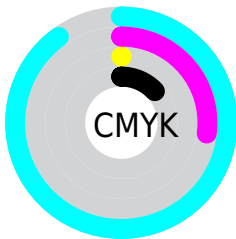
Distribution



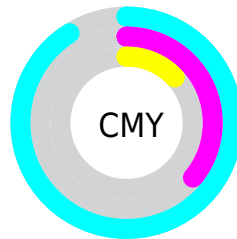
- Red (9%)
- Green (64%)
- Blue (87%)



- Red (9%)
- Yellow (41%)
- Blue (87%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279673823 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 4279673823 by changing the saturation by 10% instead.

 4279673823

 4279673823

4294967295

 4278225347

 4285389567

 4278218663

 4287559423

 4278212493

 4289593343

 4278206579

 4291624959

 4278200922

 4293656575

 4278196034

 4278190892

 4278190358

 4278190080

■ 4279673823

■ 4279673823

■ 4278230239

■ 4281117407

■ 4282626271

■ 4284069855

■ 4285513439

■ 4287022303

■ 4288465887

■ 4289909471

■ 4291352799

■ 4292861919

Harmonies

Analogous

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



4278233801



4279673823



4286028002

Triad

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



4279673823



4292901515



4286162271

Complementary

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



4279673823



4292825622

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.



4288846669



4279673823



4292510313

Square

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



4279673823



4291984817



4291006033



4282690176

Rectangle

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



4279673823



4288646872



4291006033



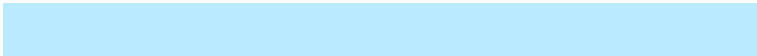
4287078999

Sweetspot

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



4279673823



4290439935



4279689039



4283921280



4278190080



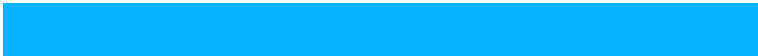
4286611584

Same Dimension

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



4279673823



4278236159



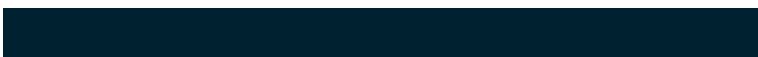
4279648991



4284837232



4278221744



4278198832

Inverse Universe

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



4292810403



4294901939



4292850454



4285556077



4289724539



4281335842

Previews

White Background



This preview shows how the Android color 4279673823 looks on a white background.

Color Contrast Check

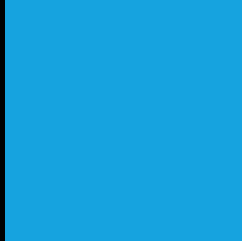
Large Text (above 18pt) WCAG AA × Fail

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 4279673823 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 ✓ Pass

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

Android 4279673823 Background



This preview shows how black text looks on a background with the Android color 4279673823.



This preview shows how white text looks on a background with the Android color 4279673823.

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

4279673823



Protanomaly

4284259032



Deuteranomaly

4283669473



Tritanomaly

4278757316

Monochromacy



Original Color

4279673823



Achromatopsia

4286611584



Achromatomaly

4284059043

CSS Examples

Text

The CSS property to change the color of the text to Android 4279673823 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(22, 163, 223)` looks like.

```
.text, #text, p{  
    color:rgb(22, 163, 223)  
}
```

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(22, 163, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 163, 223) }
```

Border

The CSS property to change the border of an element to Android 4279673823 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(22, 163, 223) }
```

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

```
.border{ border-color:rgb(22, 163, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 163, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 163, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 163, 223);  
box-shadow:4px 4px 4px 4px rgb(22, 163,  
223) }
```

Background

The CSS property to change the background color of an element to Android 4279673823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 163, 223) }
```

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

```
.background{ background-color: rgb(22, 163,  
223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor