

Converting Colors

Decimal(303834)

Have a look what the booklet for
Decimal(303834) contains.

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Color

Decimal(303834)

Conversions

Conversions Part 1

Format	Color
Hex	04A2DA
RGB	4, 162, 218
RGB Percent	2%, 64%, 85%
CMY	0.9843, 0.3647, 0.1451
CMYK	0.98, 0.26, 0.00, 0.15
HSL	196°, 96%, 44%
HSV	196°, 98%, 85%
XYZ	25.6253, 30.9284, 70.9489
YIQ	121.1420, -112.1440, -16.0800

Conversions

Conversions Part 2

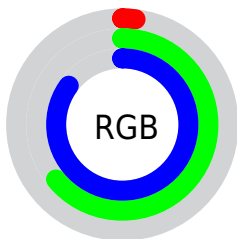
Format	Color
RYB	4, 95, 218
Decimal	303834
CIELab	62.45, -15.13, -38.14
CIELCh	62, 41.027, 248.365
Yxy	30.9284, 0.2010, 0.2426
Android (android.graphics.Color)	4278493914 (0xFF04A2DA)
YUV	121.1420, 47.7510, -102.7335
Hunter-Lab	55.6133, -15.0748, -36.7100

Details

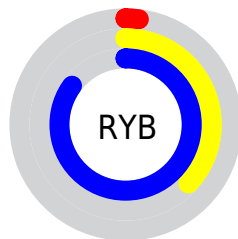
The Decimal color **303834** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **14302212**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **6871551**, and **28323** is the 20% darker color. If you saturate the color by 10%, you get **41434**, and if you desaturate by 10%, it is **1747162**.

Distribution



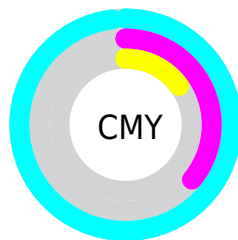
- Red (2%)
- Green (64%)
- Blue (85%)



- Red (2%)
- Yellow (37%)
- Blue (85%)



- Cyan (98%)
- Magenta (26%)
- Yellow (0%)
- Black (15%)

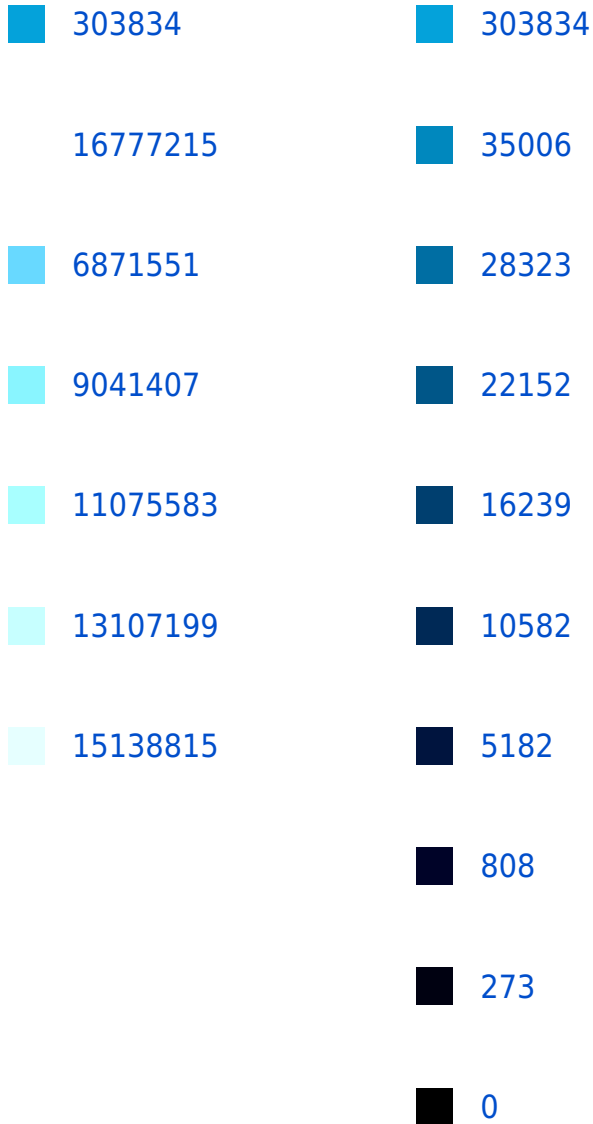


- Cyan (98%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 303834 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 Decimal color 303834 by changing the saturation by 10% instead.



■ 303834

■ 303834

■ 41434

■ 1747162

■ 3190234

■ 4568026

■ 6011354

■ 7454682

■ 8897754

■ 10341082

■ 11718874

■ 13161946

Harmonies

Analogous

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



43203



303834



7313375

Triad

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



303834



14449038



8233564

Complementary

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



303834



14302212

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.



10786893



303834



14188396

Square

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



303834



13401779



12815443



5023867

Rectangle

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



303834



9932503



12815443



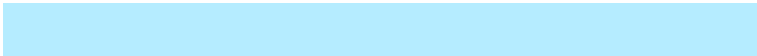
9084757

Sweetspot

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



303834



11922687



318010



5469312



0



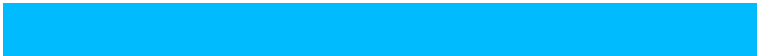
8421504

Same Dimension

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



303834



48383



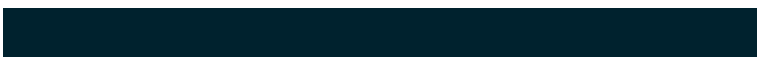
277210



6515566



32941



8750

Inverse Universe

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



14288034



16711868



14329092



7234411



11337856



3014690

Previews

White Background



This preview shows how the Decimal color 303834 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 Decimal color 303834 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](#).

Decimal 303834 Background



This preview shows how black text looks on a background with the Decimal color 303834.



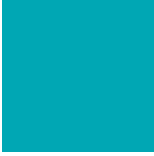
This preview shows how white text looks on a background with the Decimal color 303834.

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





Tritanopia
42932

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 303834 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 #04A2DA looks like.

```
.text, #text, p{  
    color:#04A2DA  
}
```

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 #04A2DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A2DA
}
```

Border

The CSS property to change the border of an element to Decimal 303834 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
#04A2DA }
```

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

```
.border{ border-color:#04A2DA }
```

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

Here you see how a box with a 4 pixel #04A2DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A2DA; -webkit-box-shadow:4px 4px  
4px 4px #04A2DA; box-shadow:4px 4px 4px  
4px #04A2DA }
```

Background

The CSS property to change the background color of an element to Decimal 303834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A2DA }
```

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

```
.background{ background-color:#04A2DA }
```

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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