

Converting Colors

Decimal(307400)

Have a look what the booklet for
Decimal(307400) contains.

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Color

Decimal(307400)

Conversions

Conversions Part 1

Format	Color
Hex	04B0C8
RGB	4, 176, 200
RGB Percent	2%, 69%, 78%
CMY	0.9843, 0.3098, 0.2157
CMYK	0.98, 0.12, 0.00, 0.22
HSL	187°, 96%, 40%
HSV	187°, 98%, 78%
XYZ	26.0007, 35.2466, 60.0765
YIQ	127.3080, -110.2160, -29.0000

Conversions

Conversions Part 2

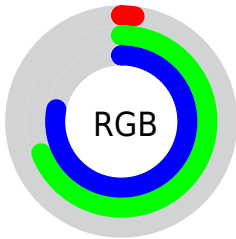
Format	Color
RYB	4, 96, 200
Decimal	307400
CIELab	65.94, -28.61, -22.76
CIELCh	66, 36.562, 218.503
Yxy	35.2466, 0.2143, 0.2905
Android (android.graphics.Color)	4278497480 (0xFF04B0C8)
YUV	127.3080, 35.8372, -108.1411
Hunter-Lab	59.3689, -25.7210, -18.4385

Details

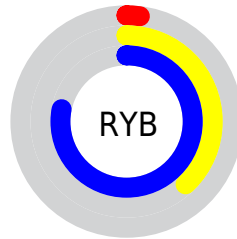
The Decimal color **307400** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **13114372**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **6744319**, and **31634** is the 20% darker color. If you saturate the color by 10%, you get **45256**, and if you desaturate by 10%, it is **1618632**.

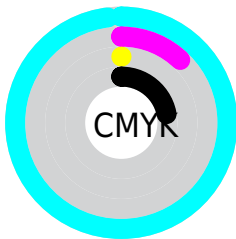
Distribution



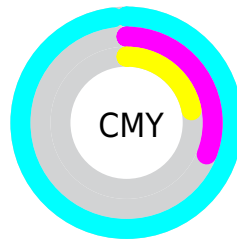
- Red (2%)
- Green (69%)
- Blue (78%)



- Red (2%)
- Yellow (38%)
- Blue (78%)



- Cyan (98%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 307400 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 307400 by changing the saturation by 10% instead.

■ 307400 ■ 307400

16777215 ■ 38317

■ 6744319 ■ 31634

■ 8912895 ■ 25208

■ 10944511 ■ 19039

■ 12976127 ■ 12872

■ 15007743 ■ 7985

■ 540

■ 0

■ 307400 ■ 307400

■ 45256

■ 1618632

■ 2930120

■ 4241352

■ 5552840

■ 6864072

■ 8175560

■ 9486792

■ 10798280

■ 12109512

Harmonies

Analogous

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



3191465



307400



4565725

Triad

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



307400



13732537



11379038

Complementary

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



307400



13114372

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.



13276772



307400



14714776

Square

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



307400



11572436



14453881



9022060

Rectangle

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



307400



7185633



14453881



12033630

Sweetspot

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



307400



11925247



313371



5470848



0



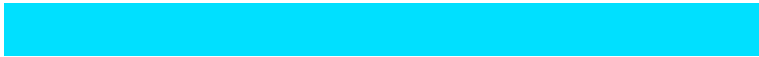
8421504

Same Dimension

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



307400



57599



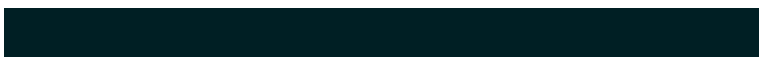
282568



5923427



36771



7972

Inverse Universe

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



13108400



16711904



13139204



6511202



10682511



2359327

Previews

White Background



This preview shows how the Decimal color 307400 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 307400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

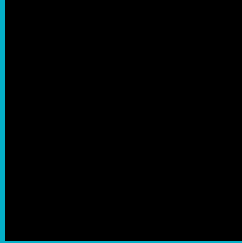
Any Text WCAG AA ✓ Pass

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 307400 Background



This preview shows how black text looks on a background with the Decimal color 307400.



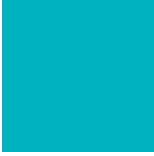
This preview shows how white text looks on a background with the Decimal color 307400.

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
45503

Trichromacy



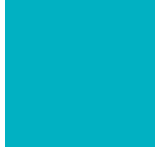
Original Color
307400



Protanomaly
6530496



Deuteranomaly
6464459



Tritanomaly
111042

Monochromacy



Original Color
307400



Achromatopsia
8355711



Achromatomaly
5411226

CSS Examples

Text

The CSS property to change the color of the text to Decimal 307400 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 #04B0C8 looks like.

```
.text, #text, p{  
    color:#04B0C8  
}
```

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 #04B0C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B0C8
}
```

Border

The CSS property to change the border of an element to Decimal 307400 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
#04B0C8 }
```

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

```
.border{ border-color:#04B0C8 }
```

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

Here you see how a box with a 4 pixel #04B0C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B0C8; -webkit-box-shadow:4px 4px  
4px 4px #04B0C8; box-shadow:4px 4px 4px  
4px #04B0C8 }
```

Background

The CSS property to change the background color of an element to Decimal 307400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B0C8 }
```

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

```
.background{ background-color:#04B0C8 }
```

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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