

Converting Colors

Decimal(103884)

Have a look what the booklet for
Decimal(103884) contains.

Decimal(103884)	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

Decimal(103884)

Conversions

Conversions Part 1

Format	Color
Hex	0195CC
RGB	1, 149, 204
RGB Percent	0%, 58%, 80%
CMY	0.9961, 0.4157, 0.2000
CMYK	1.00, 0.27, 0.00, 0.20
HSL	196°, 99%, 40%
HSV	196°, 100%, 80%
XYZ	21.6590, 25.8610, 60.9769
YIQ	111.0180, -105.8630, -14.2710

Conversions

Conversions Part 2

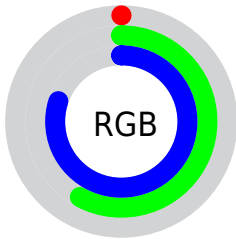
Format	Color
R_{YB}	1, 87, 204
Decimal	103884
CIE _{Lab}	57.90, -13.15, -37.43
CIE _{LCh}	58, 39.676, 250.637
Yxy	25.8610, 0.1996, 0.2384
Android (android.graphics.Color)	4278293964 (0xFF0195CC)
YUV	111.0180, 45.8401, -96.4858
Hunter-Lab	50.8537, -12.9692, -35.4950

Details

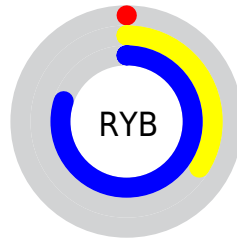
The Decimal color **103884** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **13383681**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **6605823**, and **25238** is the 20% darker color. If you saturate the color by 10%, you get **38348**, and if you desaturate by 10%, it is **1416140**.

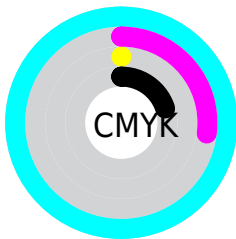
Distribution



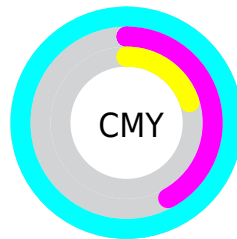
- Red (0%)
- Green (58%)
- Blue (80%)



- Red (0%)
- Yellow (34%)
- Blue (80%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)

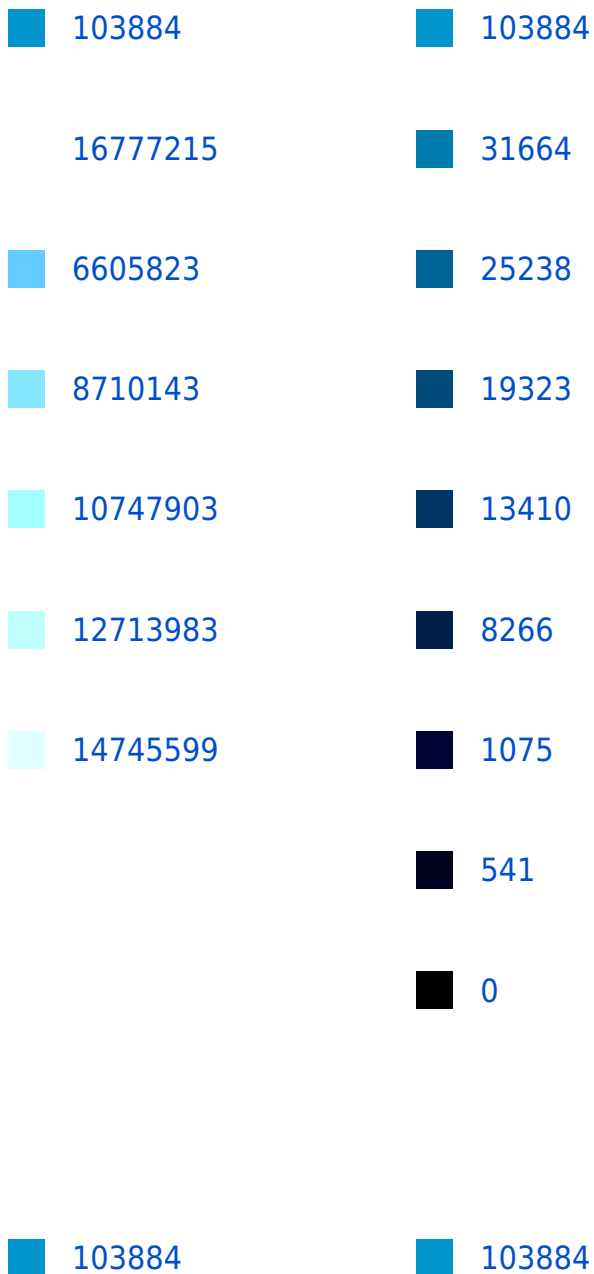


- Cyan (100%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 103884 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 103884 by changing the saturation by 10% instead.



■ 38348

■ 1416140

■ 2793676

■ 4105932

■ 5483468

■ 6795724

■ 8107724

■ 9485516

■ 10797516

■ 12175308

Harmonies

Analogous

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



39863



103884



6917071

Triad

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



103884



13463424



7312981

Complementary

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



103884



13383681

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.



9801029



103884



13137248

Square

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



103884



12612259



11764041



4103027

Rectangle

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



103884



9405127



11764041



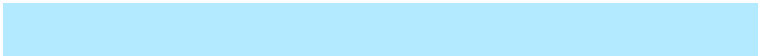
8164430

Sweetspot

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



103884



11791103



117815



5403520



0



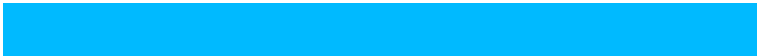
8421504

Same Dimension

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



103884



47871



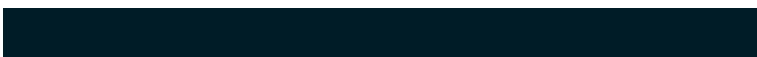
78028



6054758



31142



7206

Inverse Universe

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



13369749



16711866



13409537



6708323



10879097



2490396

Previews

White Background



This preview shows how the Decimal color 103884 looks on a white background.

Color Contrast Check

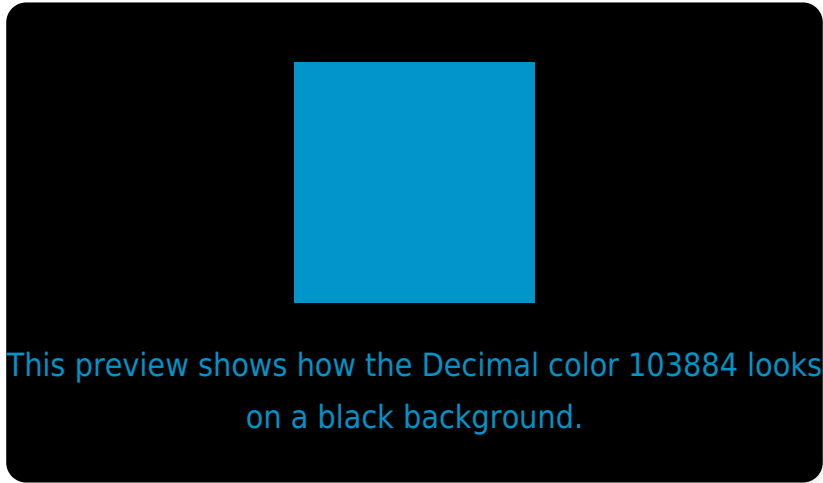
Large Text (above 18pt) WCAG AA ✓ Pass

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

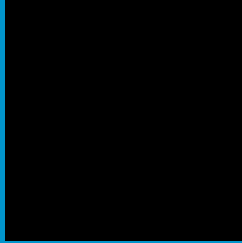
Any Text WCAG AA ✓ Pass

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](#).

Decimal 103884 Background



This preview shows how black text looks on a background with the Decimal color 103884.



This preview shows how white text looks on a background with the Decimal color 103884.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 103884 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 #0195CC looks like.

```
.text, #text, p{  
    color:#0195CC  
}
```

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 #0195CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0195CC
}
```

Border

The CSS property to change the border of an element to Decimal 103884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

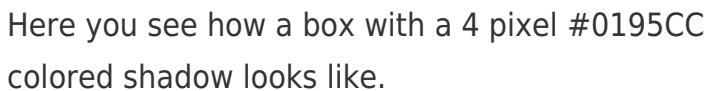
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0195CC }
```

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

```
.border{ border-color:#0195CC }
```

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



Here you see how a box with a 4 pixel #0195CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0195CC; -webkit-box-shadow:4px 4px  
4px 4px #0195CC; box-shadow:4px 4px 4px  
4px #0195CC }
```

Background

The CSS property to change the background color of an element to Decimal 103884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0195CC }
```

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

```
.background{ background-color:#0195CC }
```

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