

Converting Colors

Decimal(895454)

Have a look what the booklet for
Decimal(895454) contains.

Decimal(895454)	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(895454)

Conversions

Conversions Part 1

Format	Color
Hex	0DA9DE
RGB	13, 169, 222
RGB Percent	5%, 66%, 87%
CMY	0.9490, 0.3373, 0.1294
CMYK	0.94, 0.24, 0.00, 0.13
HSL	195°, 89%, 46%
HSV	195°, 94%, 87%
XYZ	27.5388, 33.7354, 74.1674
YIQ	128.3980, -109.9890, -16.5890

Conversions

Conversions Part 2

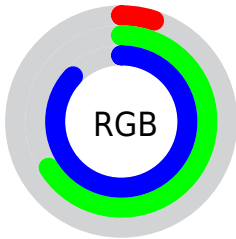
Format	Color
R _{YB}	13, 102, 222
Decimal	895454
CIE Lab	64.75, -17.21, -36.75
CIE LCh	65, 40.578, 244.900
Yxy	33.7354, 0.2033, 0.2491
Android (android.graphics.Color)	4279085534 (0xFF0DA9DE)
YUV	128.3980, 46.1458, -101.2040
Hunter-Lab	58.0822, -17.0109, -35.0521

Details

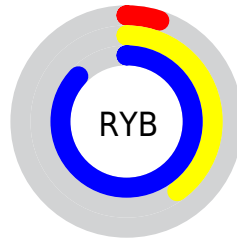
The Decimal color **895454** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **14565901**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **7069951**, and **30119** is the 20% darker color. If you saturate the color by 10%, you get **42718**, and if you desaturate by 10%, it is **2338782**.

Distribution



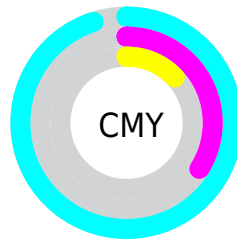
- Red (5%)
- Green (66%)
- Blue (87%)



- Red (5%)
- Yellow (40%)
- Blue (87%)



- Cyan (94%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)

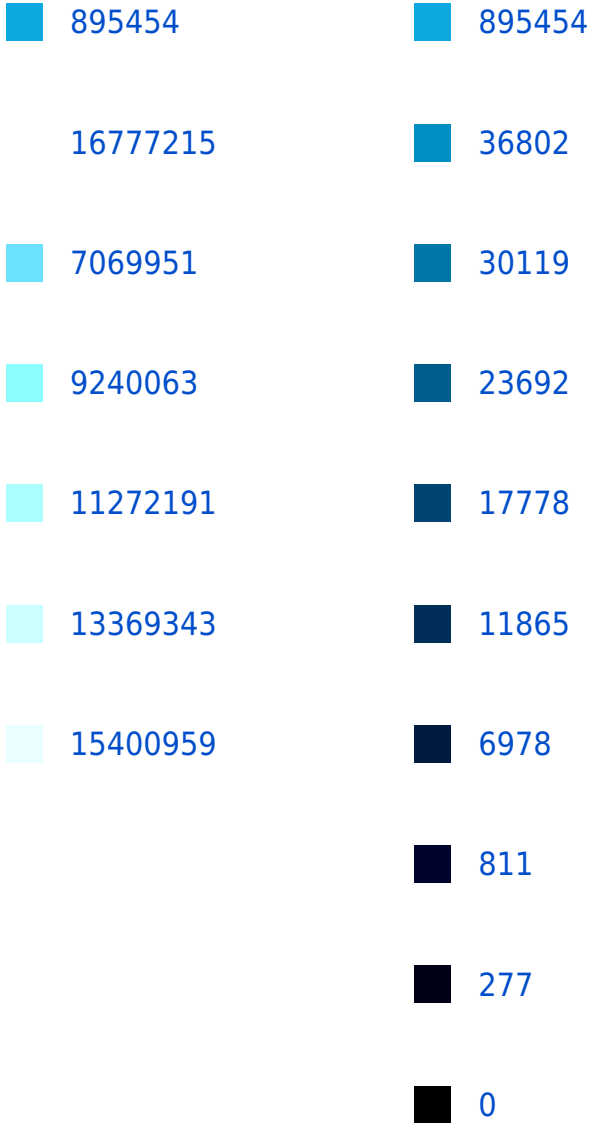


- Cyan (95%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 895454 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 895454 by changing the saturation by 10% instead.



■ 895454

■ 895454

■ 42718

■ 2338782

■ 3781854

■ 5290718

■ 6734046

■ 8177118

■ 9620446

■ 11063518

■ 12572382

■ 14015710

Harmonies

Analogous

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



44997



895454



7315429

Triad

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



895454



14778520



8955744

Complementary

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



895454



14565901

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.



11443539



895454



14714229

Square

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



895454



13600189



13471836



5942909

Rectangle

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



895454



9934559



13471836



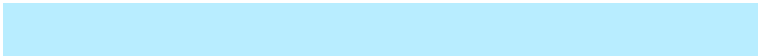
9806938

Sweetspot

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



895454



12119551



908865



5535104



0



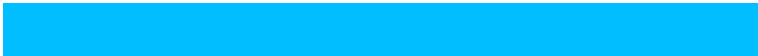
8421504

Same Dimension

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



895454



48895



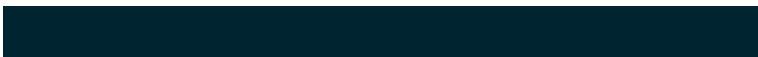
868830



6647152



33712



9264

Inverse Universe

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



14552489



16711870



14592525



7365997



11534467



3145764

Previews

White Background



This preview shows how the Decimal color 895454 looks on a white background.

Color Contrast Check

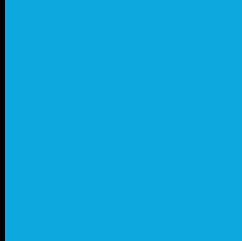
Large Text (above 18pt) WCAG AA × Fail

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 895454 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 895454 Background



This preview shows how black text looks on a background with the Decimal color 895454.



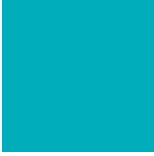
This preview shows how white text looks on a background with the Decimal color 895454.

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
44475

Trichromacy



Original Color
895454



Protanomaly
6201302



Deuteranomaly
5677280



Tritanomaly
371912

Monochromacy



Original Color
895454



Achromatopsia
8421504



Achromatomaly
5672866

CSS Examples

Text

The CSS property to change the color of the text to Decimal 895454 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 #0DA9DE looks like.

```
.text, #text, p{  
  color:#0DA9DE  
}
```

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 #0DA9DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA9DE
}
```

Border

The CSS property to change the border of an element to Decimal 895454 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
#0DA9DE }
```

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

```
.border{ border-color:#0DA9DE }
```

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

Here you see how a box with a 4 pixel #0DA9DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA9DE; -webkit-box-shadow:4px 4px  
4px 4px #0DA9DE; box-shadow:4px 4px 4px  
4px #0DA9DE }
```

Background

The CSS property to change the background color of an element to Decimal 895454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA9DE }
```

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

```
.background{ background-color:#0DA9DE }
```

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