

Converting Colors

Decimal(110723)

Have a look what the booklet for
Decimal(110723) contains.

Decimal(110723)	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(110723)

Conversions

Conversions Part 1

Format	Color
Hex	01B083
RGB	1, 176, 131
RGB Percent	0%, 69%, 51%
CMY	0.9961, 0.3098, 0.4863
CMYK	0.99, 0.00, 0.26, 0.31
HSL	165°, 99%, 35%
HSV	165°, 99%, 69%
XYZ	19.6346, 32.6958, 26.7488
YIQ	118.5450, -89.8550, -51.0950

Conversions

Conversions Part 2

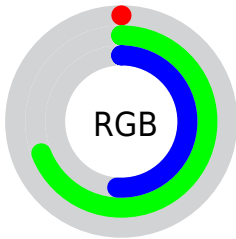
Format	Color
RYB	1, 101, 176
Decimal	110723
CIELab	63.91, -48.88, 12.52
CIELCh	64, 50.462, 165.631
Yxy	32.6958, 0.2483, 0.4135
Android (android.graphics.Color)	4278300803 (0xFF01B083)
YUV	118.5450, 6.1403, -103.0870
Hunter-Lab	57.1803, -38.7720, 12.2904

Details

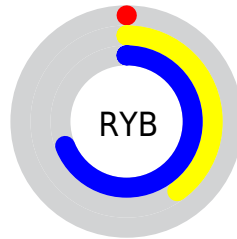
The Decimal color **110723** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11534638**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **6220216**, and **31314** is the 20% darker color. If you saturate the color by 10%, you get **45187**, and if you desaturate by 10%, it is **1290376**.

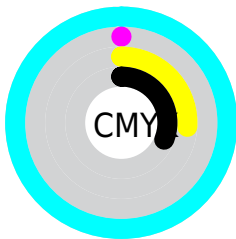
Distribution



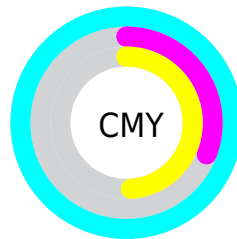
- Red (0%)
- Green (69%)
- Blue (51%)



- Red (0%)
- Yellow (40%)
- Blue (69%)



- Cyan (99%)
- Magenta (0%)
- Yellow (26%)
- Black (31%)




- Cyan (100%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 110723 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 110723 by changing the saturation by 10% instead.

 110723  110723


16777215  38250

 6220216  31314


 8257492  24634

 10289136  18213

 12255231  12304

 14221311  5632

 16187391  0

 110723  110723

 45187  1290376

■ 2404492

■ 3584145

■ 4698261

■ 5877914

■ 7057566

■ 8171683

■ 9351335

■ 10465452

Harmonies

Analogous

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



7055961



110723



45490

Triad

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



110723



7903218



14975068

Complementary

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



110723



11534638

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.



15693189



110723



12355290

Square

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



110723



42738



14907314



13078849

Rectangle

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



110723



45262



14907314



15367017

Sweetspot

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



110723



10610388



3190785



4813672



15921906



7566195

Same Dimension

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



110723



59050



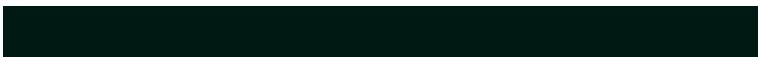
100272



5265751



39282



6675

Inverse Universe

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



11534638



15073339



11545089



5853267



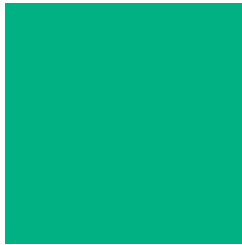
10027047



1703943

Previews

White Background



This preview shows how the Decimal color 110723 looks on a white background.

Color Contrast Check

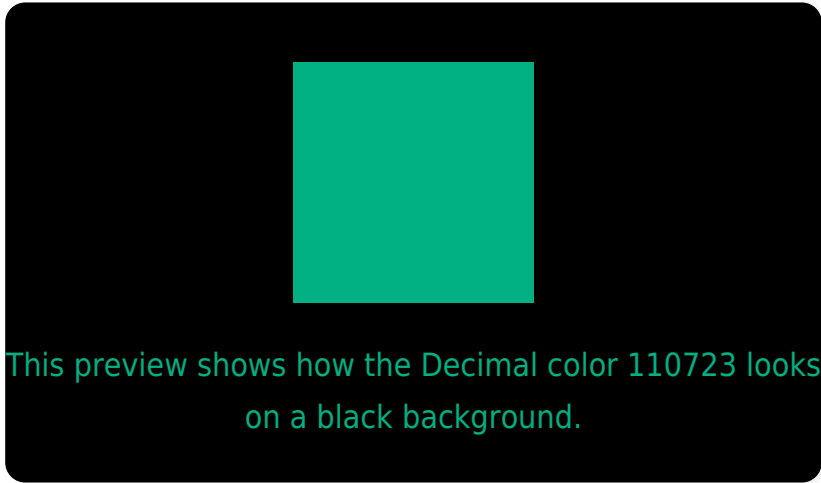
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

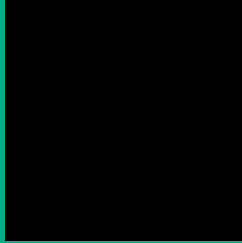
Any Text WCAG AA ✓ Pass

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 110723 Background



This preview shows how black text looks on a background with the Decimal color 110723.



This preview shows how white text looks on a background with the Decimal color 110723.

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
3778999

Trichromacy



Original Color
110723



Protanomaly
6922876



Deuteranomaly
7380615



Tritanomaly
2469028

Monochromacy



Original Color
110723



Achromatopsia
7829367



Achromatomaly
5016699

CSS Examples

Text

The CSS property to change the color of the text to Decimal 110723 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 #01B083 looks like.

```
.text, #text, p{  
    color:#01B083  
}
```

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 #01B083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01B083
}
```

Border

The CSS property to change the border of an element to Decimal 110723 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
#01B083 }
```

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

```
.border{ border-color:#01B083 }
```

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

Here you see how a box with a 4 pixel #01B083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01B083; -webkit-box-shadow:4px 4px  
4px 4px #01B083; box-shadow:4px 4px 4px  
4px #01B083 }
```

Background

The CSS property to change the background color of an element to Decimal 110723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01B083 }
```

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

```
.background{ background-color:#01B083 }
```

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