

Converting Colors

Decimal(47759)

Have a look what the booklet for
Decimal(47759) contains.

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Color

Decimal(47759)

Conversions

Conversions Part 1

Format	Color
Hex	00BA8F
RGB	0, 186, 143
RGB Percent	0%, 73%, 56%
CMY	1.0000, 0.2706, 0.4392
CMYK	1.00, 0.00, 0.23, 0.27
HSL	166°, 100%, 36%
HSV	166°, 100%, 73%
XYZ	22.5168, 37.1010, 31.9610
YIQ	125.4840, -97.0530, -52.8050

Conversions

Conversions Part 2

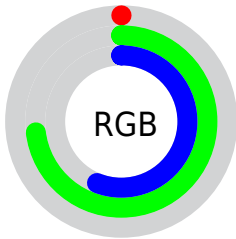
Format	Color
RYB	0, 105, 186
Decimal	47759
CIELab	67.35, -49.90, 10.79
CIELCh	67, 51.053, 167.794
Yxy	37.1010, 0.2459, 0.4051
Android (android.graphics.Color)	4278237839 (0xFF00BA8F)
YUV	125.4840, 8.6354, -110.0495
Hunter-Lab	60.9106, -40.6074, 11.5267

Details

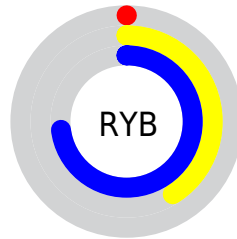
The Decimal color **47759** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **12189739**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **6419397**, and **33885** is the 20% darker color. If you saturate the color by 10%, you get **47759**, and if you desaturate by 10%, it is **1292947**.

Distribution



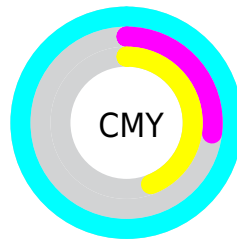
- Red (0%)
- Green (73%)
- Blue (56%)



- Red (0%)
- Yellow (41%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47759 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 47759 by changing the saturation by 10% instead.

 47759	 47759
 16777215	 40565
 6419397	 33885
 8519649	 26949
 10485757	 20527
 12517375	 14362
 14483455	 8448
 16515071	 0

 47759

 1292947

■ 2472600

■ 3717788

■ 4897440

■ 6142629

■ 7387817

■ 8567469

■ 9812657

■ 10992310

Harmonies

Analogous

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



7320676



47759



48063

Triad

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



47759



8953852



15632994

Complementary

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



47759



12189739

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.



16416394



47759



13274594

Square

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



47759



44797



15761337



13605704

Rectangle

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



47759



47579



15761337



16024942

Sweetspot

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



47759



11203297



2865664



5143152



16448250



8026746

Same Dimension

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



47759



62138



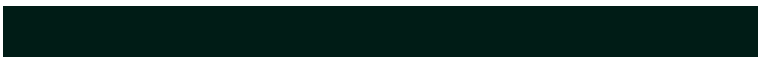
35002



5463130



40056



7190

Inverse Universe

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



12189739



15859768



12202496



6050645



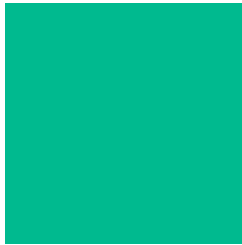
10223652



1835014

Previews

White Background



This preview shows how the Decimal color 47759 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 47759 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 47759 Background



This preview shows how black text looks on a background with the Decimal color 47759.



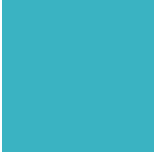
This preview shows how white text looks on a background with the Decimal color 47759.

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
3847106

Trichromacy



Original Color
47759



Protanomaly
7252871



Deuteranomaly
7645331



Tritanomaly
2471599

Monochromacy



Original Color
47759



Achromatopsia
8224125



Achromatomaly
5280644

CSS Examples

Text

The CSS property to change the color of the text to Decimal 47759 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 #00BA8F looks like.

```
.text, #text, p{  
    color:#00BA8F  
}
```

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 #00BA8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BA8F
}
```

Border

The CSS property to change the border of an element to Decimal 47759 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
#00BA8F }
```

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

```
.border{ border-color:#00BA8F }
```

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

Here you see how a box with a 4 pixel #00BA8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BA8F; -webkit-box-shadow:4px 4px  
4px 4px #00BA8F; box-shadow:4px 4px 4px  
4px #00BA8F }
```

Background

The CSS property to change the background color of an element to Decimal 47759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BA8F }
```

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

```
.background{ background-color:#00BA8F }
```

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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