

Converting Colors

Decimal(47792)

Have a look what the booklet for
Decimal(47792) contains.

Decimal(47792)	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(47792)

Conversions

Conversions Part 1

Format	Color
Hex	00BAB0
RGB	0, 186, 176
RGB Percent	0%, 73%, 69%
CMY	1.0000, 0.2706, 0.3098
CMYK	1.00, 0.00, 0.05, 0.27
HSL	177°, 100%, 36%
HSV	177°, 100%, 73%
XYZ	25.3954, 38.2524, 47.1193
YIQ	129.2460, -107.6460, -42.5420

Conversions

Conversions Part 2

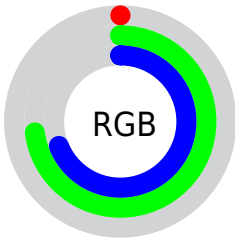
Format	Color
RYB	0, 96, 186
Decimal	47792
CIELab	68.21, -40.92, -6.09
CIELCh	68, 41.370, 188.472
Yxy	38.2524, 0.2293, 0.3453
Android (android.graphics.Color)	4278237872 (0xFF00BAB0)
YUV	129.2460, 23.0497, -113.3487
Hunter-Lab	61.8485, -34.9417, -1.8761

Details

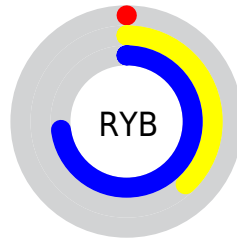
The Decimal color **47792** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **12189706**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **6616040**, and **33916** is the 20% darker color. If you saturate the color by 10%, you get **47792**, and if you desaturate by 10%, it is **1292977**.

Distribution



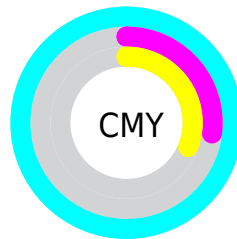
- Red (0%)
- Green (73%)
- Blue (69%)



- Red (0%)
- Yellow (38%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



















- Cyan (100%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47792 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 47792 by changing the saturation by 10% instead.

 47792	 47792
 16777215	 40853
 6616040	 33916
 8716287	 27235
 10747903	 20811
 12779519	 14644
 14811135	 9247
	 7
	 0

 47792

■ 1292977

■ 2472626

■ 3717811

■ 4897460

■ 6142645

■ 7387830

■ 8567479

■ 9812664

■ 10992313

Harmonies

Analogous

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



6011018



47792



47316

Triad

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



47792



12098017



13933409

Complementary

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



47792



12189706

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.



15371898



47792



14519491

Square

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



47792



8365808



15632541



11839579

Rectangle

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



47792



46309



15632541



14521960

Sweetspot

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



47792



11203310



834048



5143160



16448250



8026746

Same Dimension

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



47792



62181



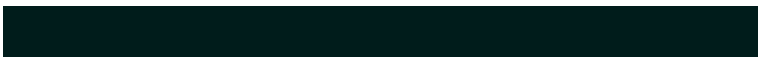
27066



5463131



40083



7195

Inverse Universe

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



12189706



15859725



12210432



6050643



10223624



1835010

Previews

White Background



This preview shows how the Decimal color 47792 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 47792 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 47792 Background



This preview shows how black text looks on a background with the Decimal color 47792.

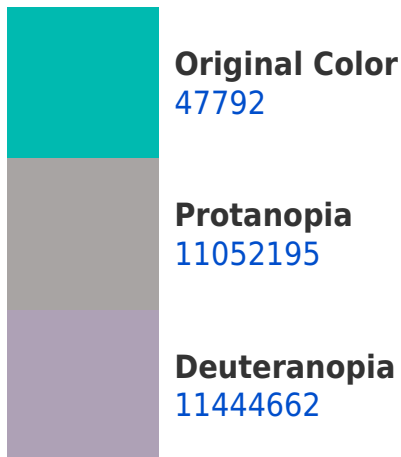


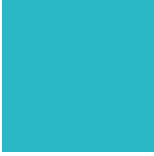
This preview shows how white text looks on a background with the Decimal color 47792.

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



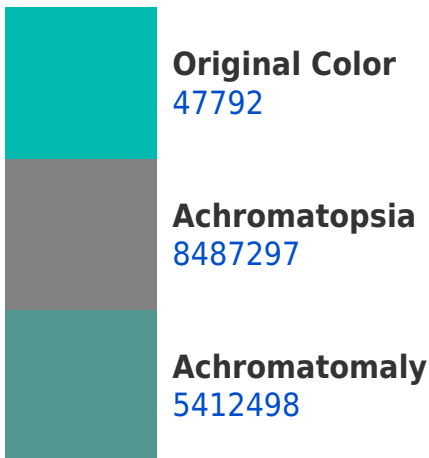


Tritanopia
2799558

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 47792 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 #00BAB0 looks like.

```
.text, #text, p{  
    color:#00BAB0  
}
```

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 #00BAB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BAB0  
}
```

Border

The CSS property to change the border of an element to Decimal 47792 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  
#00BAB0 }
```

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

```
.border{ border-color:#00BAB0 }
```

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

Here you see how a box with a 4 pixel #00BAB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BAB0; -webkit-box-shadow:4px 4px  
4px 4px #00BAB0; box-shadow:4px 4px 4px  
4px #00BAB0 }
```

Background

The CSS property to change the background color of an element to Decimal 47792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BAB0 }
```

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

```
.background{ background-color:#00BAB0 }
```

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