

Converting Colors

Decimal(47505)

Have a look what the booklet for
Decimal(47505) contains.

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Color

Decimal(47505)

Conversions

Conversions Part 1

Format	Color
Hex	00B991
RGB	0, 185, 145
RGB Percent	0%, 73%, 57%
CMY	1.0000, 0.2745, 0.4314
CMYK	1.00, 0.00, 0.22, 0.27
HSL	167°, 100%, 36%
HSV	167°, 100%, 73%
XYZ	22.4598, 36.7423, 32.6963
YIQ	125.1250, -97.4200, -51.6600

Conversions

Conversions Part 2

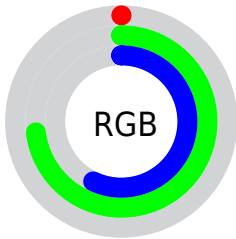
Format	Color
RYB	0, 104, 185
Decimal	47505
CIELab	67.08, -49.00, 9.32
CIELCh	67, 49.876, 169.233
Yxy	36.7423, 0.2444, 0.3998
Android (android.graphics.Color)	4278237585 (0xFF00B991)
YUV	125.1250, 9.7984, -109.7346
Hunter-Lab	60.6154, -39.9374, 10.4494

Details

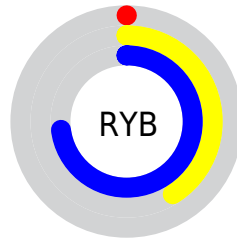
The Decimal color **47505** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **12124200**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **6419143**, and **33631** is the 20% darker color. If you saturate the color by 10%, you get **47505**, and if you desaturate by 10%, it is **1227157**.

Distribution



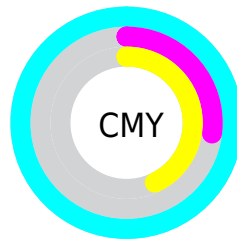
- Red (0%)
- Green (73%)
- Blue (57%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47505 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 47505 by changing the saturation by 10% instead.

 47505	 47505
 16777215	 40311
 6419143	 33631
 8519651	 26951
 10485759	 20272
 12517375	 14107
 14483455	 8194
 16515071	 0

 47505

 1227157

 2472345

 3717533

 4897185

 6142373

 7322025

 8567213

 9746865

 10992053

Harmonies

Analogous

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



7189606



47505



47807

Triad

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



47505



9215736



15371105

Complementary

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



47505



12124200

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.



16285576



47505



13339870

Square

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



47505



44539



15630261



13409097

Rectangle

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



47505



47323



15630261



15828589

Sweetspot

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



47505



11071712



2668800



5077103



16250871



7895160

Same Dimension

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



47505



61628



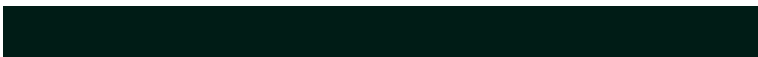
34233



5463130



40058



7190

Inverse Universe

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



12124200



15728692



12137472



6050645



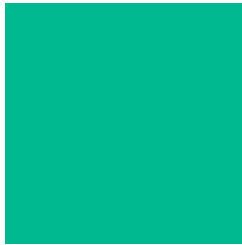
10223650



1835014

Previews

White Background



This preview shows how the Decimal color 47505 looks on a white background.

Color Contrast Check

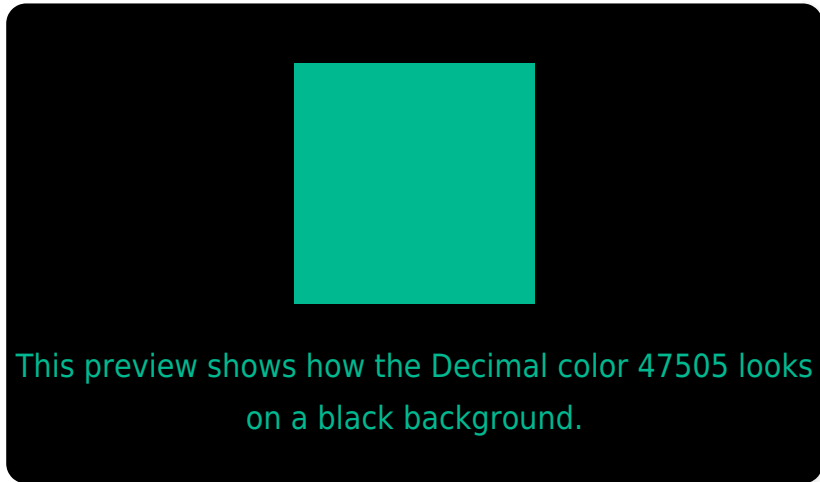
Large Text (above 18pt) WCAG AA × Fail

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

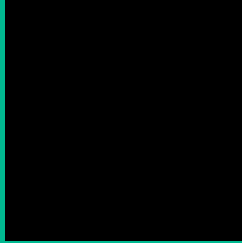
Any Text WCAG AA ✓ Pass

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 47505 Background



This preview shows how black text looks on a background with the Decimal color 47505.



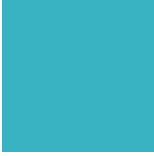
This preview shows how white text looks on a background with the Decimal color 47505.

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



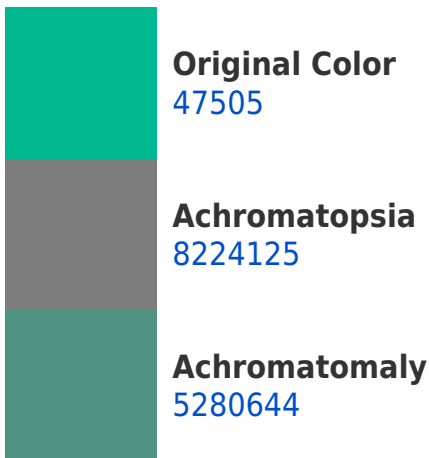


Tritanopia
3781569

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 47505 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 #00B991 looks like.

```
.text, #text, p{  
    color:#00B991  
}
```

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 #00B991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B991
}
```

Border

The CSS property to change the border of an element to Decimal 47505 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
#00B991 }
```

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

```
.border{ border-color:#00B991 }
```

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

Here you see how a box with a 4 pixel #00B991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B991; -webkit-box-shadow:4px 4px  
4px 4px #00B991; box-shadow:4px 4px 4px  
4px #00B991 }
```

Background

The CSS property to change the background color of an element to Decimal 47505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B991 }
```

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

```
.background{ background-color:#00B991 }
```

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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