

Converting Colors

Decimal(48513)

Have a look what the booklet for
Decimal(48513) contains.

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Color

Decimal(48513)

Conversions

Conversions Part 1

Format	Color
Hex	00BD81
RGB	0, 189, 129
RGB Percent	0%, 74%, 51%
CMY	1.0000, 0.2588, 0.4941
CMYK	1.00, 0.00, 0.32, 0.26
HSL	161°, 100%, 37%
HSV	161°, 100%, 74%
XYZ	22.1600, 37.9802, 26.9318
YIQ	125.6490, -93.3840, -58.7280

Conversions

Conversions Part 2

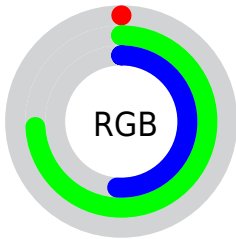
Format	Color
RYB	0, 112, 189
Decimal	48513
CIELab	68.01, -54.36, 19.29
CIELCh	68, 57.679, 160.459
Yxy	37.9802, 0.2545, 0.4362
Android (android.graphics.Color)	4278238593 (0xFF00BD81)
YUV	125.6490, 1.6520, -110.1942
Hunter-Lab	61.6281, -43.6646, 17.2296

Details

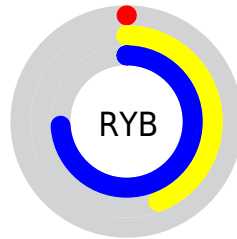
The Decimal color **48513** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **12386364**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **6420150**, and **34383** is the 20% darker color. If you saturate the color by 10%, you get **48513**, and if you desaturate by 10%, it is **1293703**.

Distribution



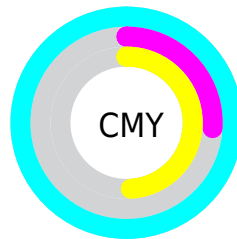
- Red (0%)
- Green (74%)
- Blue (51%)



- Red (0%)
- Yellow (44%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 48513 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 48513 by changing the saturation by 10% instead.

 48513	 48513
 16777215	 41320
 6420150	 34383
 8519634	 27704
 10551278	 21026
 12517375	 14861
 14548991	 8960
 16515071	 0

 48513

 1293703

 2538893

 3784083

 5029273

 6274463

 7454117

 8699307

 9944497

 11189687

Harmonies

Analogous

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



7976530



48513



49079

Triad

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



48513



6792703



16614245

Complementary

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



48513



12386364

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.



16742293



48513



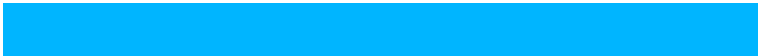
12685557

Square

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



48513



46591



15957450



14587713

Rectangle

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



48513



48857



15957450



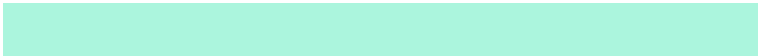
16743796

Sweetspot

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



48513



11269597



4177152



5143148



16448250



8026746

Same Dimension

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



48513



62887



40381



5594715



40556



7957

Inverse Universe

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



12386364



16056398



12394240



6182232



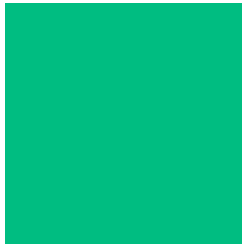
10354738



2031626

Previews

White Background



This preview shows how the Decimal color 48513 looks on a white background.

Color Contrast Check

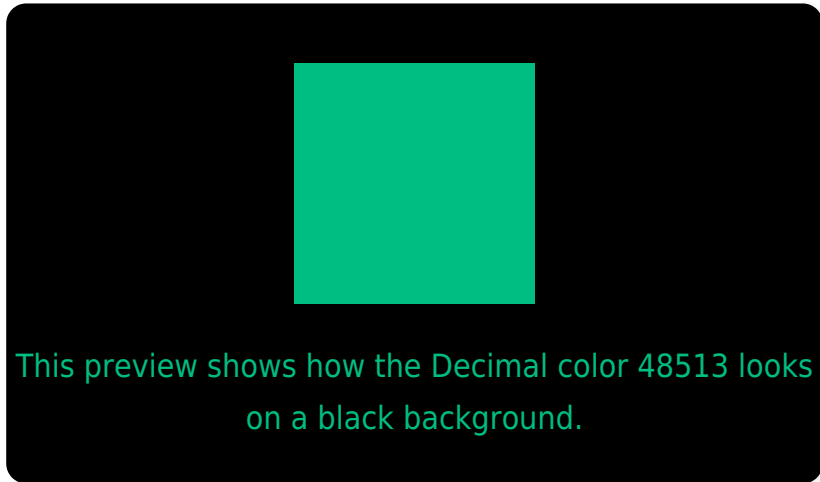
Large Text (above 18pt) WCAG AA × Fail

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

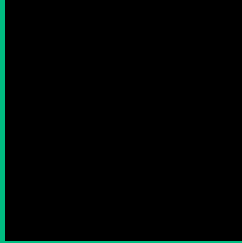
Any Text WCAG AA ✓ Pass

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 48513 Background



This preview shows how black text looks on a background with the Decimal color 48513.



This preview shows how white text looks on a background with the Decimal color 48513.

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
4306371

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 48513 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 #00BD81 looks like.

```
.text, #text, p{  
    color:#00BD81  
}
```

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 #00BD81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BD81
}
```

Border

The CSS property to change the border of an element to Decimal 48513 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
#00BD81 }
```

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

```
.border{ border-color:#00BD81 }
```

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

Here you see how a box with a 4 pixel #00BD81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BD81; -webkit-box-shadow:4px 4px  
4px 4px #00BD81; box-shadow:4px 4px 4px  
4px #00BD81 }
```

Background

The CSS property to change the background color of an element to Decimal 48513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BD81 }
```

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

```
.background{ background-color:#00BD81 }
```

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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