

Converting Colors

Decimal(173950)

Have a look what the booklet for
Decimal(173950) contains.

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Color

Decimal(173950)

Conversions

Conversions Part 1

Format	Color
Hex	02A77E
RGB	2, 167, 126
RGB Percent	1%, 65%, 49%
CMY	0.9922, 0.3451, 0.5059
CMYK	0.99, 0.00, 0.25, 0.35
HSL	165°, 98%, 33%
HSV	165°, 99%, 65%
XYZ	17.6096, 29.1567, 24.4383
YIQ	112.9910, -85.1790, -47.7310

Conversions

Conversions Part 2

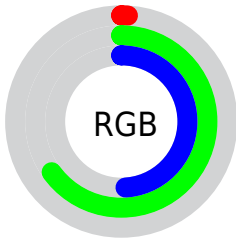
Format	Color
RYB	2, 96, 167
Decimal	173950
CIELab	60.92, -46.51, 11.08
CIELCh	61, 47.810, 166.605
Yxy	29.1567, 0.2473, 0.4095
Android (android.graphics.Color)	4278364030 (0xFF02A77E)
YUV	112.9910, 6.4134, -97.3391
Hunter-Lab	53.9969, -36.2817, 10.9639

Details

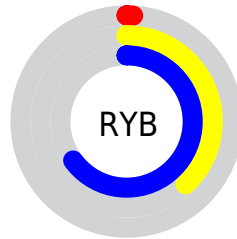
The Decimal color **173950** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10945067**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **6086579**, and **29261** is the 20% darker color. If you saturate the color by 10%, you get **42878**, and if you desaturate by 10%, it is **1288066**.

Distribution



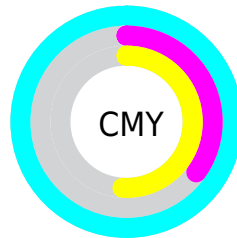
- Red (1%)
- Green (65%)
- Blue (49%)



- Red (1%)
- Yellow (38%)
- Blue (65%)



- Cyan (99%)
- Magenta (0%)
- Yellow (25%)
- Black (35%)



- Cyan (99%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 173950 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 173950 by changing the saturation by 10% instead.

 173950  173950


16777215  35941

 6086579  29261

 8060110  22582

 10026986  16417

 11993087  10762

 13959167  1536

 15925247  0

 173950  173950

 42878  1288066

■ 2336646

■ 3450762

■ 4564879

■ 5678995

■ 6727575

■ 7841691

■ 8955807

■ 10004387

Harmonies

Analogous

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



6595159



173950



43178

Triad

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



173950



7770084



14121559

Complementary

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



173950



10945067

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.



14839933



173950



11829197

Square

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



173950



40421



14119336



12290623

Rectangle

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



173950



42948



14119336



14513763

Sweetspot

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



173950



10017225



2860802



4615780



15592941



7237230

Same Dimension

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



173950



55715



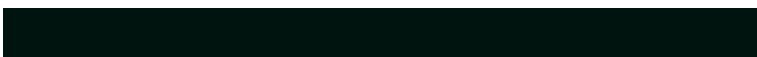
163495



5002322



37999



5135

Inverse Universe

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



10945067



14221366



10955522



5524558



9699365



1310725

Previews

White Background



This preview shows how the Decimal color 173950 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 173950 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 173950 Background



This preview shows how black text looks on a background with the Decimal color 173950.



This preview shows how white text looks on a background with the Decimal color 173950.

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
3514798

Trichromacy



Original Color
173950



Protanomaly
6527608



Deuteranomaly
6985346



Tritanomaly
2270109

Monochromacy



Original Color
173950



Achromatopsia
7434609



Achromatomaly
4818294

CSS Examples

Text

The CSS property to change the color of the text to Decimal 173950 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 #02A77E looks like.

```
.text, #text, p{  
    color:#02A77E  
}
```

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 #02A77E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02A77E
}
```

Border

The CSS property to change the border of an element to Decimal 173950 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
#02A77E }
```

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

```
.border{ border-color:#02A77E }
```

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

Here you see how a box with a 4 pixel #02A77E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02A77E; -webkit-box-shadow:4px 4px  
4px 4px #02A77E; box-shadow:4px 4px 4px  
4px #02A77E }
```

Background

The CSS property to change the background color of an element to Decimal 173950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02A77E }
```

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

```
.background{ background-color:#02A77E }
```

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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