

Converting Colors

Decimal(37273)

Have a look what the booklet for
Decimal(37273) contains.

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Color

Decimal(37273)

Conversions

Conversions Part 1

Format	Color
Hex	009199
RGB	0, 145, 153
RGB Percent	0%, 57%, 60%
CMY	1.0000, 0.4314, 0.4000
CMYK	1.00, 0.05, 0.00, 0.40
HSL	183°, 100%, 30%
HSV	183°, 100%, 60%
XYZ	15.8752, 22.5507, 33.6530
YIQ	102.5570, -88.9880, -28.2520

Conversions

Conversions Part 2

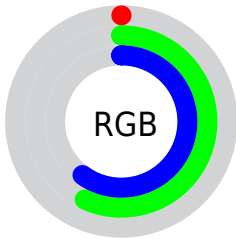
Format	Color
RYB	0, 74, 153
Decimal	37273
CIELab	54.61, -28.98, -13.49
CIELCh	55, 31.966, 204.957
Yxy	22.5507, 0.2202, 0.3129
Android (android.graphics.Color)	4278227353 (0xFF009199)
YUV	102.5570, 24.8684, -89.9425
Hunter-Lab	47.4876, -23.4305, -8.7757

Details

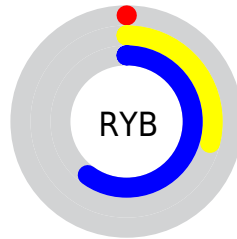
The Decimal color **37273** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10029056**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **5883855**, and **24166** is the 20% darker color. If you saturate the color by 10%, you get **37273**, and if you desaturate by 10%, it is **1020569**.

Distribution



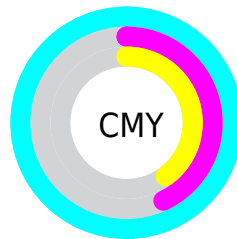
- Red (0%)
- Green (57%)
- Blue (60%)



- Red (0%)
- Yellow (29%)
- Blue (60%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 37273 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 37273 by changing the saturation by 10% instead.

 37273	 37273
 16777215	 30591
 5883855	 24166
 7922924	 17998
 9830399	 12087
 11796479	 6690
 13762559	 10
 15728639	 0

 37273

 1020569

 2069401

 3052441

 4035737

 5084569

 6067865

 7051161

 8034201

 9083033

Harmonies

Analogous

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



3641725



37273



1740463

Triad

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



37273



10580899



10059595

Complementary

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



37273



10029056

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.



11433558



37273



11824520

Square

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



37273



8355253



12086893



8226896

Rectangle

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



37273



4229559



12086893



10583117

Sweetspot

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



37273



9159879



39176



4219491



14935011



6513507

Same Dimension

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



37273



48583



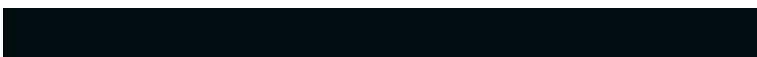
17817



4541517



34188



3085

Inverse Universe

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



10027153



13041853



10048512



5064012



9175173



851980

Previews

White Background



This preview shows how the Decimal color 37273 looks on a white background.

Color Contrast Check

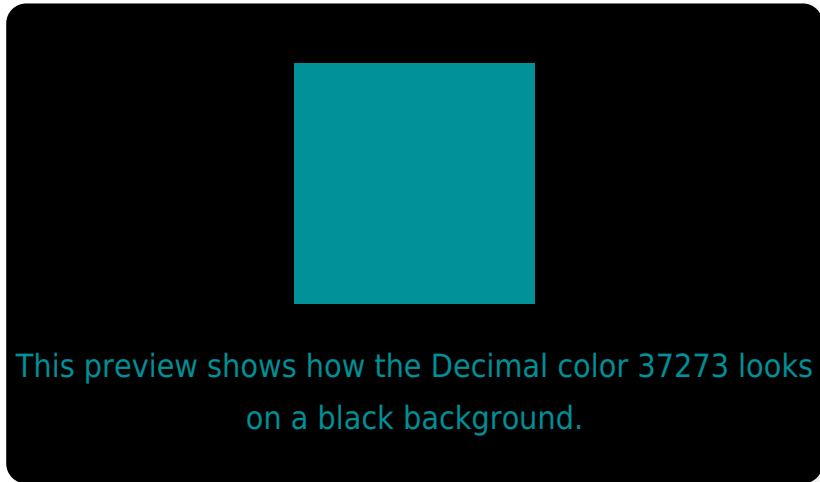
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

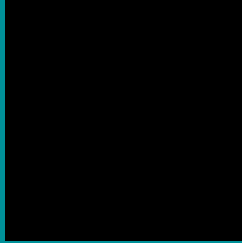
Any Text WCAG AA ✓ Pass

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 37273 Background



This preview shows how black text looks on a background with the Decimal color 37273.

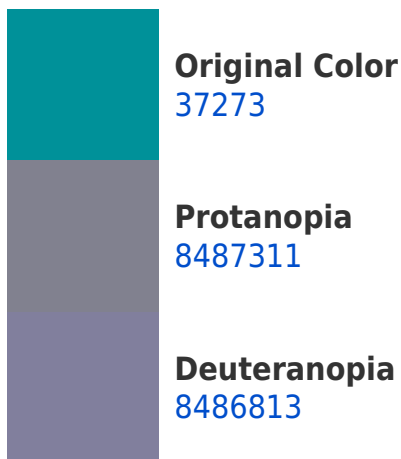


This preview shows how white text looks on a background with the Decimal color 37273.

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



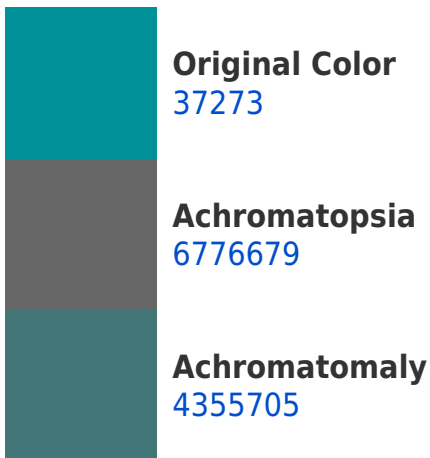


Tritanopia
1085596

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 37273 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 #009199 looks like.

```
.text, #text, p{  
    color:#009199  
}
```

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 #009199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009199
}
```

Border

The CSS property to change the border of an element to Decimal 37273 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
#009199 }
```

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

```
.border{ border-color:#009199 }
```

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

Here you see how a box with a 4 pixel #009199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009199; -webkit-box-shadow:4px 4px  
4px 4px #009199; box-shadow:4px 4px 4px  
4px #009199 }
```

Background

The CSS property to change the background color of an element to Decimal 37273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009199 }
```

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

```
.background{ background-color:#009199 }
```

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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