

Converting Colors

Decimal(37255)

Have a look what the booklet for
Decimal(37255) contains.

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Color

Decimal(37255)

Conversions

Conversions Part 1

Format	Color
Hex	009187
RGB	0, 145, 135
RGB Percent	0%, 57%, 53%
CMY	1.0000, 0.4314, 0.4706
CMYK	1.00, 0.00, 0.07, 0.43
HSL	176°, 100%, 28%
HSV	176°, 100%, 57%
XYZ	14.4986, 22.0001, 26.4040
YIQ	100.5050, -83.2100, -33.8500

Conversions

Conversions Part 2

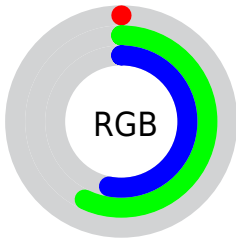
Format	Color
RYB	0, 75, 145
Decimal	37255
CIELab	54.03, -34.68, -3.98
CIELCh	54, 34.912, 186.550
Yxy	22.0001, 0.2305, 0.3497
Android (android.graphics.Color)	4278227335 (0xFF009187)
YUV	100.5050, 17.0060, -88.1429
Hunter-Lab	46.9042, -26.9062, -0.5434

Details

The Decimal color **37255** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9502730**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **5753020**, and **24149** is the 20% darker color. If you saturate the color by 10%, you get **37255**, and if you desaturate by 10%, it is **954760**.

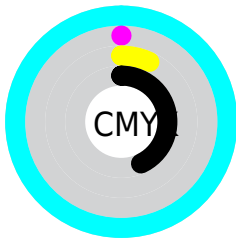
Distribution



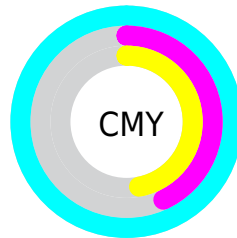
- Red (0%)
- Green (57%)
- Blue (53%)



- Red (0%)
- Yellow (29%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 37255 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 37255 by changing the saturation by 10% instead.


 37255  37255

16777215  30574

 5753020  24149

 7726296  17726

 9633780  11817

 11534335  5908

 13500415  0

 15466495

 37255

 954760

■ 1937801

■ 2920842

■ 3838347

■ 4821388

■ 5738893

■ 6721934

■ 7639439

■ 8622480

Harmonies

Analogous

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



4689768



37255



37028

Triad

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



37255



9271218



11040586

Complementary

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



37255



9502730

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.



12086623



37255



11300250

Square

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



37255



6193853



12216700



9339460

Rectangle

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



37255



36275



12216700



11433040

Sweetspot

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



37255



8699321



823552



3956316



14606046



6184542

Same Dimension

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



37255



48560



21905



4212551



34686



2055

Inverse Universe

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



9502730



12386317



9518080



4669505



8847369



524289

Previews

White Background



This preview shows how the Decimal color 37255 looks on a white background.

Color Contrast Check

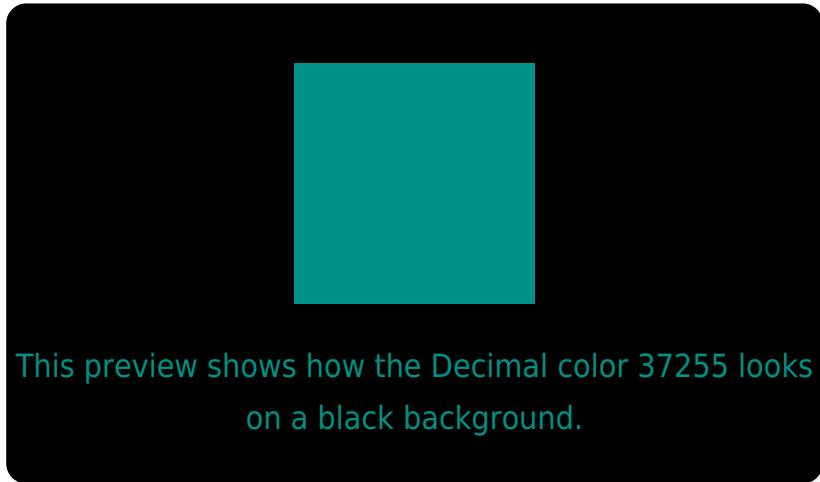
Large Text (above 18pt) WCAG AA ✓ Pass

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

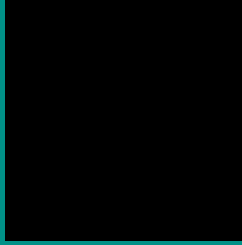
Any Text WCAG AA ✓ Pass

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 37255 Background



This preview shows how black text looks on a background with the Decimal color 37255.

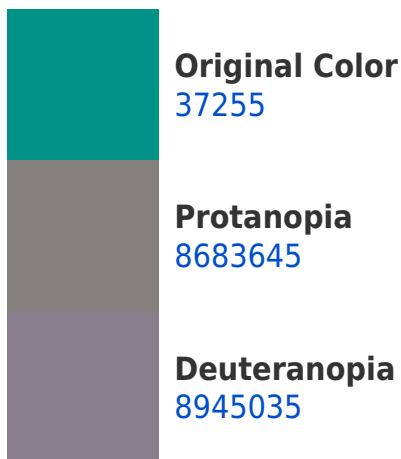


This preview shows how white text looks on a background with the Decimal color 37255.

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



Trichromacy



Original Color
37255

Protanomaly
5539457

Deuteranomaly
5735562

Tritanomaly
1478547

Monochromacy



Original Color
37255

Achromatopsia
6645093

Achromatomaly
4224369

CSS Examples

Text

The CSS property to change the color of the text to Decimal 37255 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 #009187 looks like.

```
.text, #text, p{  
    color:#009187  
}
```

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 #009187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009187
}
```

Border

The CSS property to change the border of an element to Decimal 37255 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
#009187 }
```

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

```
.border{ border-color:#009187 }
```

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

Here you see how a box with a 4 pixel #009187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009187; -webkit-box-shadow:4px 4px  
4px 4px #009187; box-shadow:4px 4px 4px  
4px #009187 }
```

Background

The CSS property to change the background color of an element to Decimal 37255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009187 }
```

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

```
.background{ background-color:#009187 }
```

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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