

Converting Colors

Decimal(36727)

Have a look what the booklet for
Decimal(36727) contains.

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Color

Decimal(36727)

Conversions

Conversions Part 1

Format	Color
Hex	008F77
RGB	0, 143, 119
RGB Percent	0%, 56%, 47%
CMY	1.0000, 0.4392, 0.5333
CMYK	1.00, 0.00, 0.17, 0.44
HSL	170°, 100%, 28%
HSV	170°, 100%, 56%
XYZ	13.1522, 20.9768, 20.8085
YIQ	97.5070, -77.5240, -37.7800

Conversions

Conversions Part 2

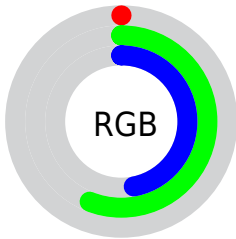
Format	Color
RYB	0, 78, 143
Decimal	36727
CIELab	52.92, -38.47, 3.63
CIELCh	53, 38.641, 174.604
Yxy	20.9768, 0.2394, 0.3818
Android (android.graphics.Color)	4278226807 (0xFF008F77)
YUV	97.5070, 10.5960, -85.5136
Hunter-Lab	45.8005, -28.8921, 5.1231

Details

The Decimal color **36727** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9371672**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **5621419**, and **23623** is the 20% darker color. If you saturate the color by 10%, you get **36727**, and if you desaturate by 10%, it is **954233**.

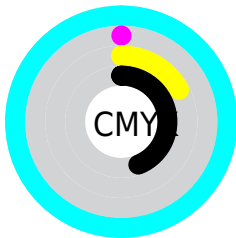
Distribution



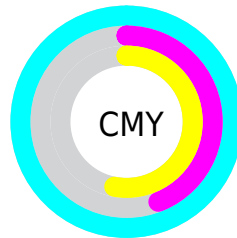
- Red (0%)
- Green (56%)
- Blue (47%)



- Red (0%)
- Yellow (31%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 36727 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 36727 by changing the saturation by 10% instead.


 36727  36727

16777215  30046

 5621419  23623

 7529158  17200

 9437154  11292

 11403263  4609

 13303807  0

 15269887

 36727

 954233

■ 1937276

■ 2854782

■ 3772289

■ 4755331

■ 5672837

■ 6590344

■ 7507850

■ 8490893

Harmonies

Analogous

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



5213271



36727



36761

Triad

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



36727



7895227



11562569

Complementary

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



36727



9371672

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.



12412260



36727



10644389

Square

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



36727



3507392



12149638



9992763

Rectangle

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



36727



36268



12149638



11955025

Sweetspot

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



36727



8567473



1740544



3956313



14606046



6184542

Same Dimension

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



36727



47771



25231



4212550



34672



2054

Inverse Universe

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



9371672



12189727



9383168



4669505



8847383



524289

Previews

White Background



This preview shows how the Decimal color 36727 looks on a white background.

Color Contrast Check

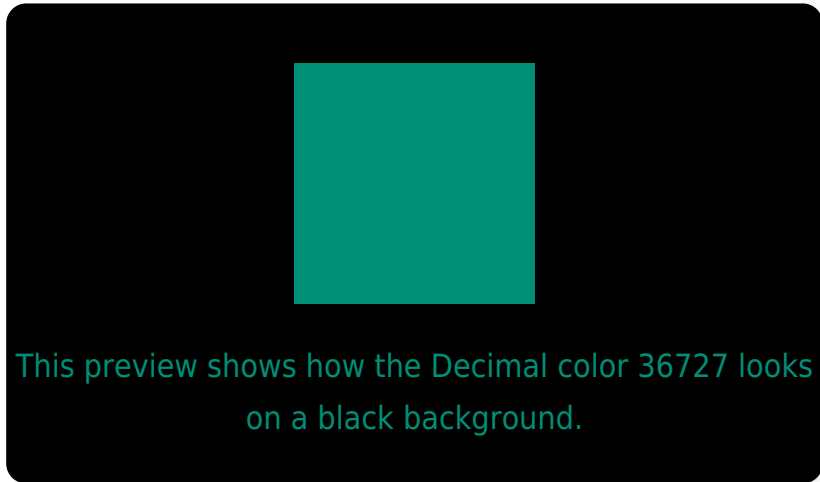
Large Text (above 18pt) WCAG AA ✓ Pass

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

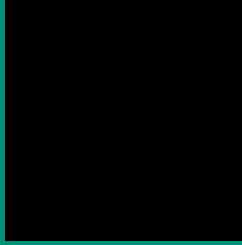
Any Text WCAG AA ✓ Pass

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 36727 Background



This preview shows how black text looks on a background with the Decimal color 36727.

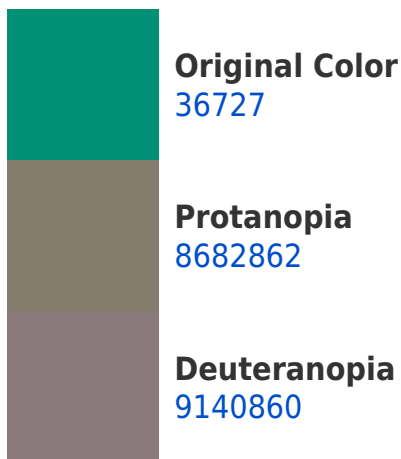



This preview shows how white text looks on a background with the Decimal color 36727.

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
2722710

Trichromacy



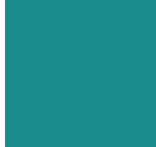
Original Color
36727



Protanomaly
5538929



Deuteranomaly
5800570



Tritanomaly
1739915

Monochromacy



Original Color
36727



Achromatopsia
6447714



Achromatomaly
4092522

CSS Examples

Text

The CSS property to change the color of the text to Decimal 36727 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 #008F77 looks like.

```
.text, #text, p{  
    color:#008F77  
}
```

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 #008F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008F77
}
```

Border

The CSS property to change the border of an element to Decimal 36727 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
#008F77 }
```

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

```
.border{ border-color:#008F77 }
```

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

Here you see how a box with a 4 pixel #008F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008F77; -webkit-box-shadow:4px 4px  
4px 4px #008F77; box-shadow:4px 4px 4px  
4px #008F77 }
```

Background

The CSS property to change the background color of an element to Decimal 36727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008F77 }
```

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

```
.background{ background-color:#008F77 }
```

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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