

Converting Colors

Decimal(36477)

Have a look what the booklet for
Decimal(36477) contains.

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Color

Decimal(36477)

Conversions

Conversions Part 1

Format	Color
Hex	008E7D
RGB	0, 142, 125
RGB Percent	0%, 56%, 49%
CMY	1.0000, 0.4431, 0.5098
CMYK	1.00, 0.00, 0.12, 0.44
HSL	173°, 100%, 28%
HSV	173°, 100%, 56%
XYZ	13.3747, 20.8267, 22.7171
YIQ	97.6040, -79.1750, -35.3910

Conversions

Conversions Part 2

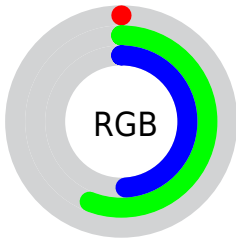
Format	Color
RYB	0, 76, 142
Decimal	36477
CIELab	52.76, -36.31, -0.07
CIELCh	53, 36.309, 180.111
Yxy	20.8267, 0.2350, 0.3659
Android (android.graphics.Color)	4278226557 (0xFF008E7D)
YUV	97.6040, 13.5062, -85.5987
Hunter-Lab	45.6362, -27.5502, 2.4317

Details

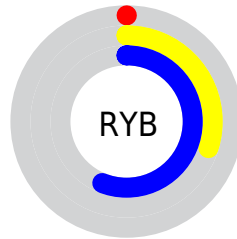
The Decimal color **36477** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9306129**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **5620914**, and **23372** is the 20% darker color. If you saturate the color by 10%, you get **36477**, and if you desaturate by 10%, it is **953983**.

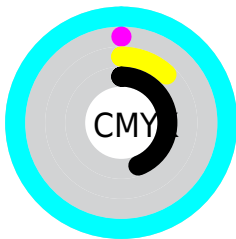
Distribution



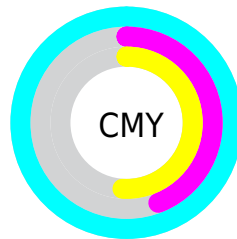
- Red (0%)
- Green (56%)
- Blue (49%)



- Red (0%)
- Yellow (30%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 36477 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 36477 by changing the saturation by 10% instead.

 36477  36477

16777215  29796

 5620914  23372

 7594445  16950

 9502441  11296

 11403263  4618

 13303807  0

 15269887

 36477

 953983

■ 1871488

■ 2854530

■ 3772036

■ 4689541

■ 5607047

■ 6524553

■ 7507595

■ 8425100

Harmonies

Analogous

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



4885342



36477



36252

Triad

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



36477



8484532



11170120

Complementary

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



36477



9306129

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.



12085088



36477



10840733

Square

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



36477



4948412



12019071



9534526

Rectangle

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



36477



35757



12019071



11562319

Sweetspot

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



36477



8501425



1281536



3890264



14408667



6052956

Same Dimension

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



36477



47266



23182



4212551



34679



2055

Inverse Universe

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



9306129



12058646



9319424



4669505



8847376



524289

Previews

White Background



This preview shows how the Decimal color 36477 looks on a white background.

Color Contrast Check

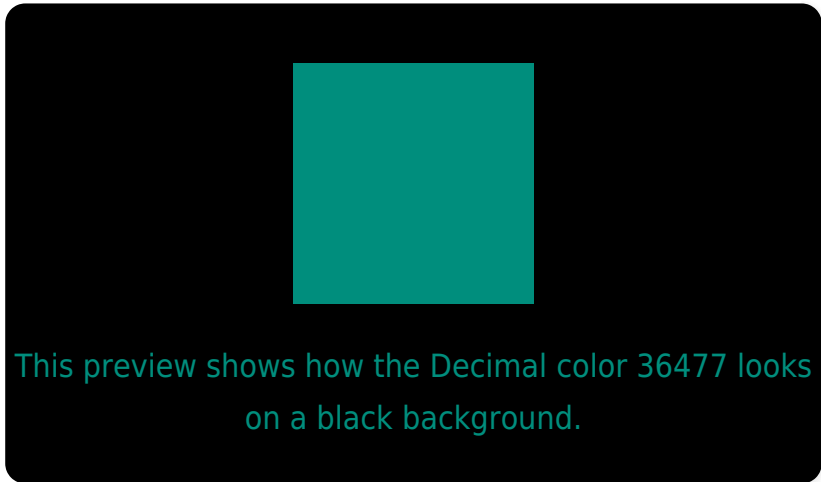
Large Text (above 18pt) WCAG AA ✓ Pass

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

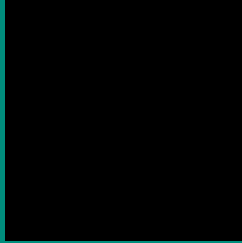
Any Text WCAG AA ✓ Pass

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 36477 Background



This preview shows how black text looks on a background with the Decimal color 36477.

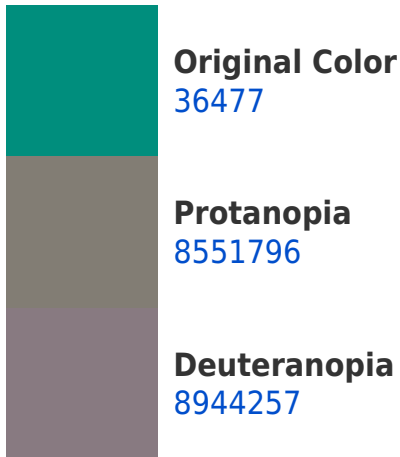


This preview shows how white text looks on a background with the Decimal color 36477.

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
2525846

Trichromacy



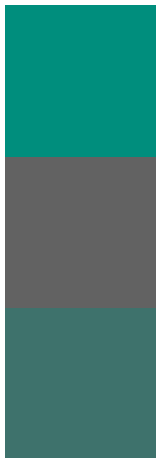
Original Color
36477

Protanomaly
5473143

Deuteranomaly
5734784

Tritanomaly
1608589

Monochromacy



Original Color
36477

Achromatopsia
6447714

Achromatomaly
4092524

CSS Examples

Text

The CSS property to change the color of the text to Decimal 36477 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 #008E7D looks like.

```
.text, #text, p{  
    color:#008E7D  
}
```

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 #008E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E7D
}
```

Border

The CSS property to change the border of an element to Decimal 36477 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
#008E7D }
```

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

```
.border{ border-color:#008E7D }
```

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

Here you see how a box with a 4 pixel #008E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E7D; -webkit-box-shadow:4px 4px  
4px 4px #008E7D; box-shadow:4px 4px 4px  
4px #008E7D }
```

Background

The CSS property to change the background color of an element to Decimal 36477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E7D }
```

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

```
.background{ background-color:#008E7D }
```

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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