

Converting Colors

Decimal(36472)

Have a look what the booklet for
Decimal(36472) contains.

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Color

Decimal(36472)

Conversions

Conversions Part 1

Format	Color
Hex	008E78
RGB	0, 142, 120
RGB Percent	0%, 56%, 47%
CMY	1.0000, 0.4431, 0.5294
CMYK	1.00, 0.00, 0.15, 0.44
HSL	171°, 100%, 28%
HSV	171°, 100%, 56%
XYZ	13.0632, 20.7021, 21.0767
YIQ	97.0340, -77.5700, -36.9460

Conversions

Conversions Part 2

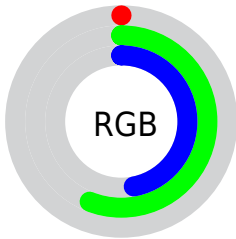
Format	Color
RYB	0, 77, 142
Decimal	36472
CIELab	52.62, -37.75, 2.62
CIELCh	53, 37.843, 176.031
Yxy	20.7021, 0.2382, 0.3775
Android (android.graphics.Color)	4278226552 (0xFF008E78)
YUV	97.0340, 11.3222, -85.0988
Hunter-Lab	45.4995, -28.3758, 4.3848

Details

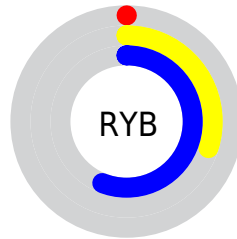
The Decimal color **36472** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9306134**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **5620908**, and **23368** is the 20% darker color. If you saturate the color by 10%, you get **36472**, and if you desaturate by 10%, it is **953978**.

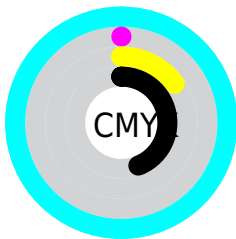
Distribution



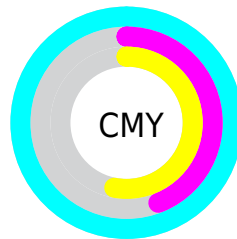
- Red (0%)
- Green (56%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 36472 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 36472 by changing the saturation by 10% instead.

 36472  36472

16777215  29791

 5620908  23368

 7528903  16945

 9436900  11292

 11337727  4355

 13303807  0

 15204351

 36472

 953978

■ 1871484

■ 2854527

■ 3772033

■ 4689539

■ 5607045

■ 6524551

■ 7507594

■ 8425100

Harmonies

Analogous

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



5081944



36472



36505

Triad

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



36472



8026040



11431753

Complementary

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



36472



9306134

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.



12281187



36472



10644386

Square

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



36472



3965630



12018563



9796155

Rectangle

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



36472



36011



12018563



11823952

Sweetspot

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



36472



8501423



1609216



3890263



14408667



6052956

Same Dimension

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



36472



47259



24462



4212550



34674



2054

Inverse Universe

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



9306134



12058652



9318144



4669505



8847381



524289

Previews

White Background



This preview shows how the Decimal color 36472 looks on a white background.

Color Contrast Check

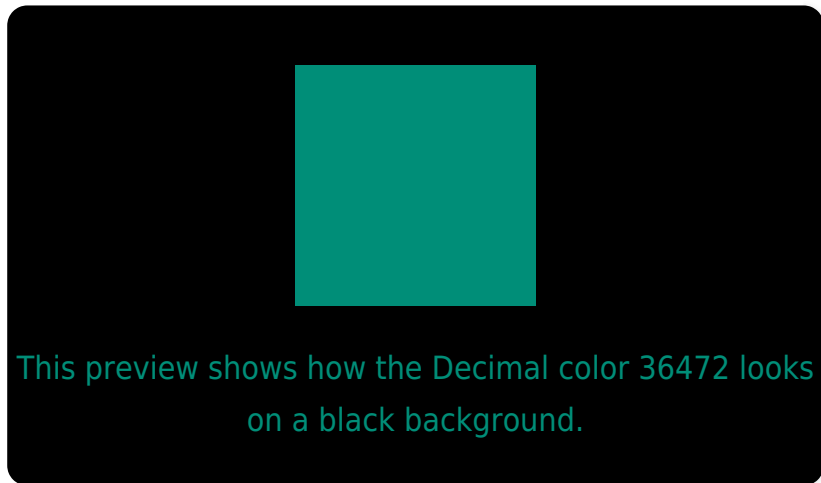
Large Text (above 18pt) WCAG AA ✓ Pass

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

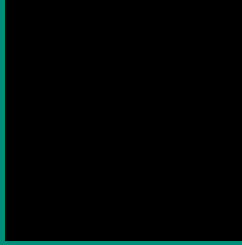
Any Text WCAG AA ✓ Pass

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 36472 Background



This preview shows how black text looks on a background with the Decimal color 36472.

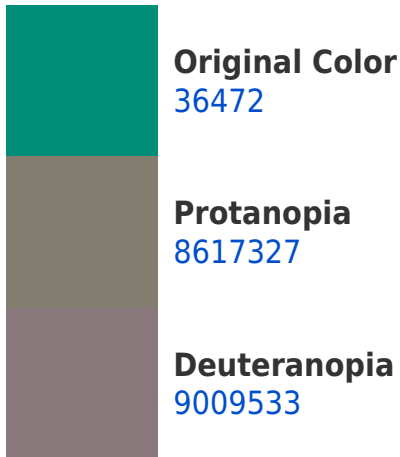



This preview shows how white text looks on a background with the Decimal color 36472.

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](#).

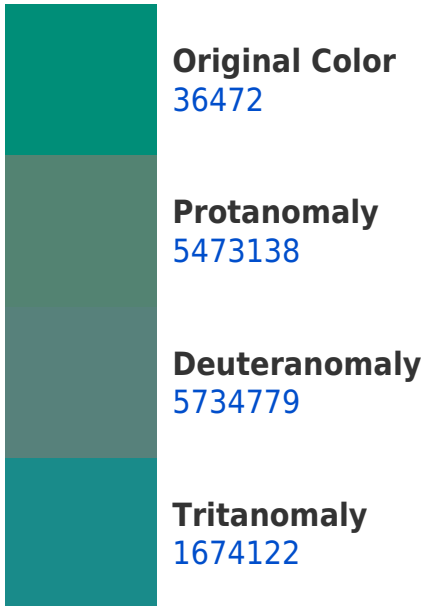
Dichromacy



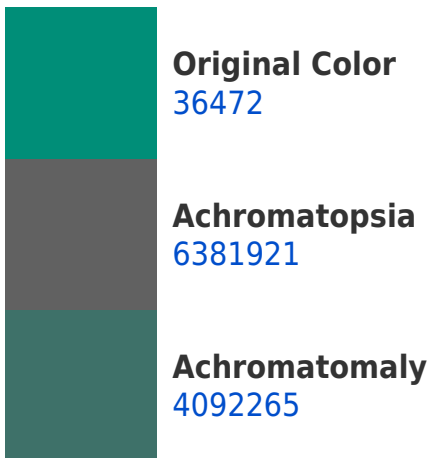


Tritanopia
2656917

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 36472 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 #008E78 looks like.

```
.text, #text, p{  
    color:#008E78  
}
```

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 #008E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E78
}
```

Border

The CSS property to change the border of an element to Decimal 36472 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
#008E78 }
```

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

```
.border{ border-color:#008E78 }
```

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

Here you see how a box with a 4 pixel #008E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E78; -webkit-box-shadow:4px 4px  
4px 4px #008E78; box-shadow:4px 4px 4px  
4px #008E78 }
```

Background

The CSS property to change the background color of an element to Decimal 36472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E78 }
```

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

```
.background{ background-color:#008E78 }
```

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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