

Converting Colors

Decimal(34686)

Have a look what the booklet for
Decimal(34686) contains.

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Color

Decimal(34686)

Conversions

Conversions Part 1

Format	Color
Hex	00877E
RGB	0, 135, 126
RGB Percent	0%, 53%, 49%
CMY	1.0000, 0.4706, 0.5059
CMYK	1.00, 0.00, 0.07, 0.47
HSL	176°, 100%, 26%
HSV	176°, 100%, 53%
XYZ	12.4299, 18.8343, 22.7189
YIQ	93.6090, -77.5710, -31.4190

Conversions

Conversions Part 2

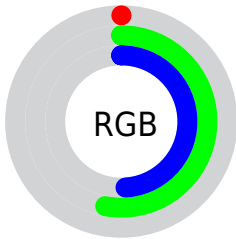
Format	Color
RYB	0, 70, 135
Decimal	34686
CIELab	50.49, -32.81, -3.98
CIELCh	50, 33.055, 186.918
Yxy	18.8343, 0.2303, 0.3489
Android (android.graphics.Color)	4278224766 (0xFF00877E)
YUV	93.6090, 15.9688, -82.0951
Hunter-Lab	43.3985, -24.8228, -0.6591

Details

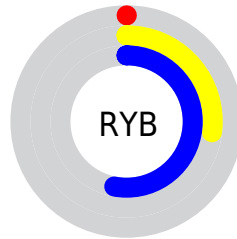
The Decimal color **34686** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8847369**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **5553587**, and **21581** is the 20% darker color. If you saturate the color by 10%, you get **34686**, and if you desaturate by 10%, it is **886655**.

Distribution



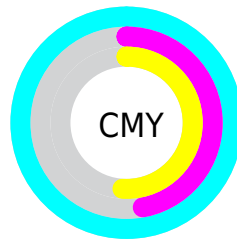
- Red (0%)
- Green (53%)
- Blue (49%)



- Red (0%)
- Yellow (27%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 34686 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 34686 by changing the saturation by 10% instead.

 34686  34686

16777215  28005

 5553587  21581

 7461326  15414

 9369322  10017

 11272191  1035

 13172735  0

 15138815

 34686

 886655

 1804160


 2721665

 3573634

 4491139

 5343107

 6195076

 7112581

 8030086

Harmonies

Analogous

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



4293985



34686



34457

Triad

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



34686



8679077



10252101

Complementary

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



34686



8847369

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.



11232856



34686



10577295

Square

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



34686



5798320



11428467



8681791

Rectangle

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



34686



33703



11428467



10644554

Sweetspot

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



34686



8106156



624384



3758423



14277081



5855577

Same Dimension

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



34686



45220



19847



3949122



33401



770

Inverse Universe

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



8847369



11534348



8862464



4340796



8519689



196608

Previews

White Background



This preview shows how the Decimal color 34686 looks on a white background.

Color Contrast Check

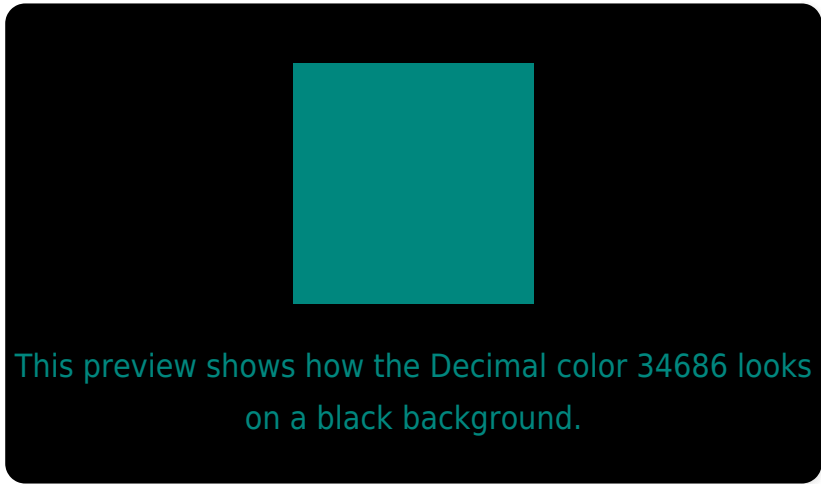
Large Text (above 18pt) WCAG AA ✓ Pass

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

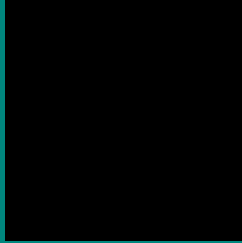
Any Text WCAG AA ✓ Pass

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 34686 Background



This preview shows how black text looks on a background with the Decimal color 34686.

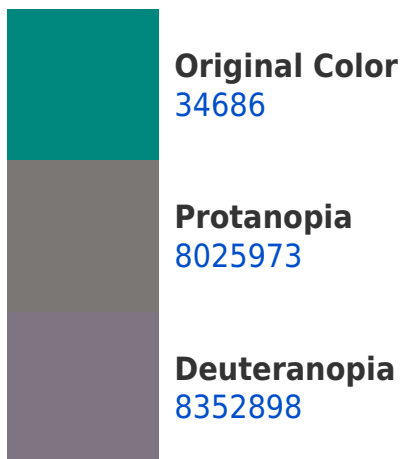


This preview shows how white text looks on a background with the Decimal color 34686.

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](#).

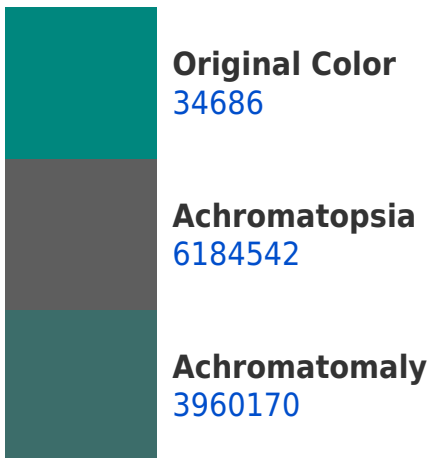
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 34686 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 #00877E looks like.

```
.text, #text, p{  
    color:#00877E  
}
```

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 #00877E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00877E
}
```

Border

The CSS property to change the border of an element to Decimal 34686 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
#00877E }
```

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

```
.border{ border-color:#00877E }
```

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

Here you see how a box with a 4 pixel #00877E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00877E; -webkit-box-shadow:4px 4px  
4px 4px #00877E; box-shadow:4px 4px 4px  
4px #00877E }
```

Background

The CSS property to change the background color of an element to Decimal 34686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00877E }
```

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

```
.background{ background-color:#00877E }
```

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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