

Converting Colors

Decimal(17278)

Have a look what the booklet for
Decimal(17278) contains.

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Color

Decimal(17278)

Conversions

Conversions Part 1

Format	Color
Hex	00437E
RGB	0, 67, 126
RGB Percent	0%, 26%, 49%
CMY	1.0000, 0.7373, 0.5059
CMYK	1.00, 0.47, 0.00, 0.51
HSL	208°, 100%, 25%
HSV	208°, 100%, 49%
XYZ	5.7731, 5.5207, 20.5000
YIQ	53.6930, -58.8710, 4.1450

Conversions

Conversions Part 2

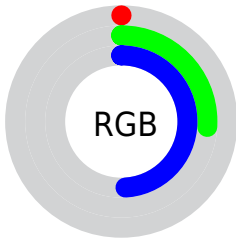
Format	Color
RYB	0, 44, 126
Decimal	17278
CIELab	28.17, 6.16, -38.47
CIELCh	28, 38.965, 279.093
Yxy	5.5207, 0.1816, 0.1736
Android (android.graphics.Color)	4278207358 (0xFF00437E)
YUV	53.6930, 35.6474, -47.0888
Hunter-Lab	23.4961, 2.7397, -35.2823

Details

The Decimal color **17278** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8272640**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **5010099**, and **6476** is the 20% darker color. If you saturate the color by 10%, you get **17278**, and if you desaturate by 10%, it is **870782**.

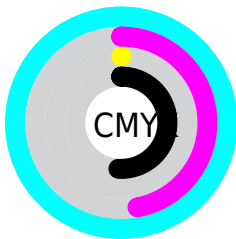
Distribution



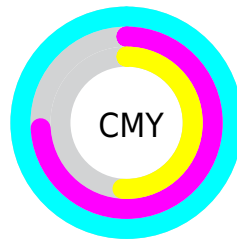
- Red (0%)
- Green (26%)
- Blue (49%)



- Red (0%)
- Yellow (17%)
- Blue (49%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (51%)

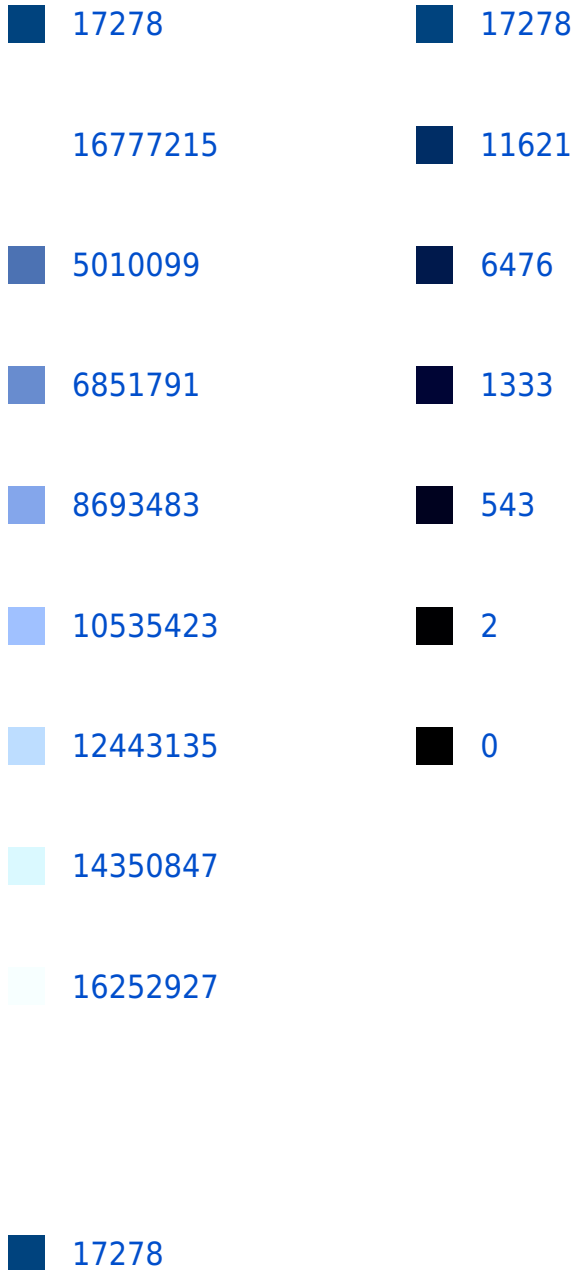


- Cyan (100%)
- Magenta (74%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17278 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 17278 by changing the saturation by 10% instead.



■ 870782

■ 1658750

■ 2512254

■ 3300222

■ 4153726

■ 5006974

■ 5794942

■ 6648446

■ 7436414

Harmonies

Analogous

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



19322



17278



5191281

Triad

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



17278



7547934



20268

Complementary

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



17278



8272640

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.



2640655



17278



6437124

Square

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



17278



7873339



4736000



20555

Rectangle

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



17278



6630754



4736000



20002

Sweetspot

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



17278



7507107



32315



3425362



13750737



5395026

Same Dimension

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



17278



22435



1150



3751232



17536



0

Inverse Universe

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



8257603



10682455



8288768



4208957



8388676



0

Previews

White Background



This preview shows how the Decimal color 17278 looks on a white background.

Color Contrast Check

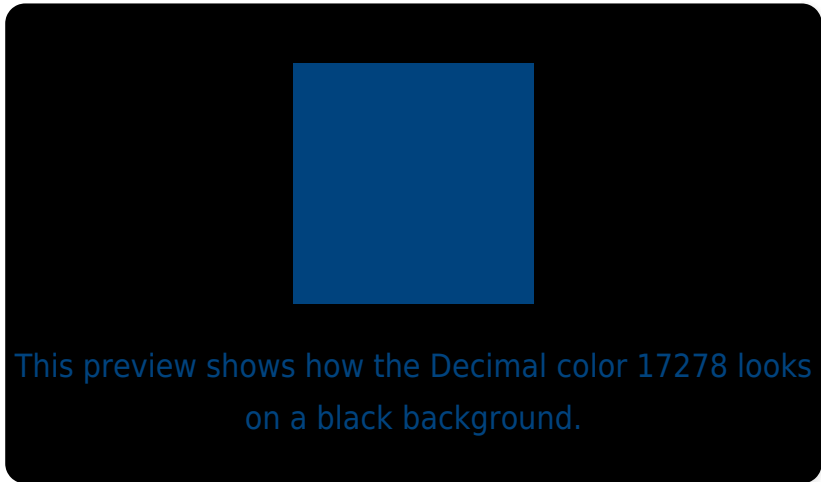
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 17278 Background



This preview shows how black text looks on a background with the Decimal color 17278.



This preview shows how white text looks on a background with the Decimal color 17278.

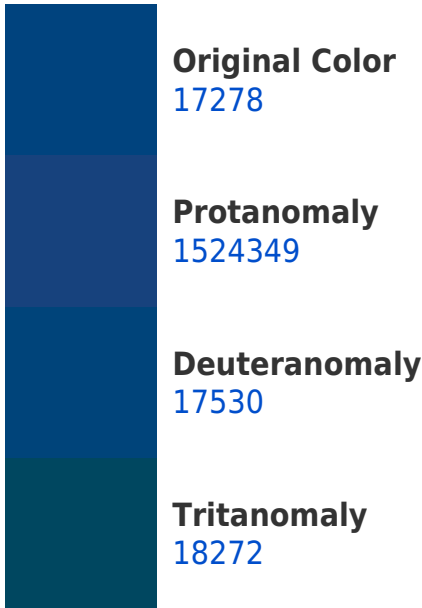
Color Blindness Simulation

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 17278 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 #00437E looks like.

```
.text, #text, p{  
    color:#00437E  
}
```

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 #00437E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00437E
}
```

Border

The CSS property to change the border of an element to Decimal 17278 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
#00437E }
```

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

```
.border{ border-color:#00437E }
```

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

Here you see how a box with a 4 pixel #00437E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00437E; -webkit-box-shadow:4px 4px  
4px 4px #00437E; box-shadow:4px 4px 4px  
4px #00437E }
```

Background

The CSS property to change the background color of an element to Decimal 17278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00437E }
```

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

```
.background{ background-color:#00437E }
```

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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