

Converting Colors

Decimal(12398)

Have a look what the booklet for
Decimal(12398) contains.

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Color

Decimal(12398)

Conversions

Conversions Part 1

Format	Color
Hex	00306E
RGB	0, 48, 110
RGB Percent	0%, 19%, 43%
CMY	1.0000, 0.8118, 0.5686
CMYK	1.00, 0.56, 0.00, 0.57
HSL	214°, 100%, 22%
HSV	214°, 100%, 43%
XYZ	3.8714, 3.2397, 15.1731
YIQ	40.7160, -48.5100, 9.1060

Conversions

Conversions Part 2

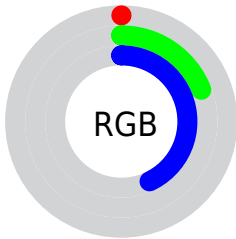
Format	Color
RYB	0, 33, 110
Decimal	12398
CIELab	20.98, 12.64, -39.93
CIELCh	21, 41.885, 287.565
Yxy	3.2397, 0.1737, 0.1454
Android (android.graphics.Color)	4278202478 (0xFF00306E)
YUV	40.7160, 34.1570, -35.7079
Hunter-Lab	17.9991, 6.8949, -37.3816

Details

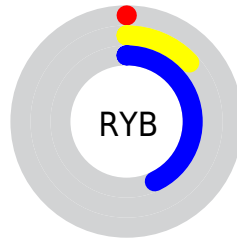
The Decimal color **12398** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7224832**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **4677026**, and **62** is the 20% darker color. If you saturate the color by 10%, you get **12398**, and if you desaturate by 10%, it is **734830**.

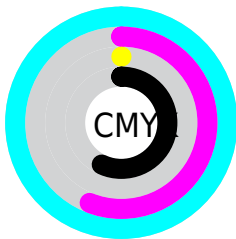
Distribution



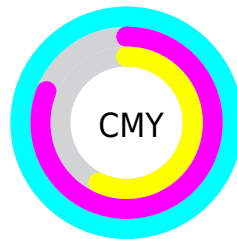
- Red (0%)
- Green (19%)
- Blue (43%)



- Red (0%)
- Yellow (13%)
- Blue (43%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (81%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12398 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 12398 by changing the saturation by 10% instead.

■ 12398 ■ 12398

16777215 ■ 7253

■ 4677026 ■ 62

■ 6518462 ■ 807

■ 8294362 ■ 272

■ 10136310 ■ 0

■ 11978239

■ 13820415

■ 15793663

■ 12398

■ 734830

■ 1457262

■ 2179950

■ 2902382

■ 3624814

■ 4347246

■ 5069678

■ 5792366

■ 6514798

Harmonies

Analogous

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



14959



12398



4792413

Triad

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



12398



6167808



16164

Complementary

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



12398



7224832

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.



15360



12398



4860928

Square

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



12398



6752802



3094016



16452

Rectangle

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



12398



6034251



3094016



15897

Sweetspot

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



12398



6584207



28220



3029319



13092807



4671303

Same Dimension

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



12398



16015



393326



3290424



13432



27895

Inverse Universe

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



7209008



9371710



6909440



3682869



7864372



16187500

Previews

White Background



This preview shows how the Decimal color 12398 looks on a white background.

Color Contrast Check

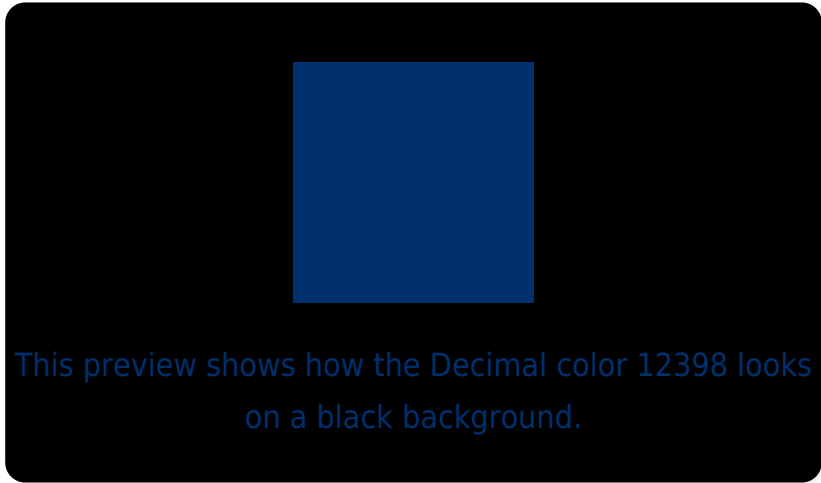
Large Text (above 18pt) WCAG AA ✓ Pass

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

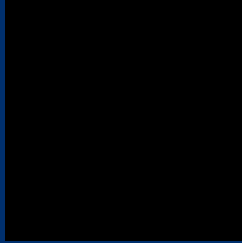
Any Text WCAG AA × Fail

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 12398 Background



This preview shows how black text looks on a background with the Decimal color 12398.



This preview shows how white text looks on a background with the Decimal color 12398.

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



Original Color
12398

Protanopia
12649

Deuteranopia
13658

Trichromacy



Original Color
12398

Protanomaly
12651

Deuteranomaly
13153

Tritanomaly
13902

Monochromacy



Original Color
12398

Achromatopsia
2697513

Achromatomaly
1715266

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12398 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 #00306E looks like.

```
.text, #text, p{  
    color:#00306E  
}
```

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 #00306E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00306E
}
```

Border

The CSS property to change the border of an element to Decimal 12398 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
#00306E }
```

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

```
.border{ border-color:#00306E }
```

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

Here you see how a box with a 4 pixel #00306E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00306E; -webkit-box-shadow:4px 4px  
4px 4px #00306E; box-shadow:4px 4px 4px  
4px #00306E }
```

Background

The CSS property to change the background color of an element to Decimal 12398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00306E }
```

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

```
.background{ background-color:#00306E }
```

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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