

Converting Colors

Decimal(16398)

Have a look what the booklet for
Decimal(16398) contains.

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Color

Decimal(16398)

Conversions

Conversions Part 1

Format	Color
Hex	00400E
RGB	0, 64, 14
RGB Percent	0%, 25%, 5%
CMY	1.0000, 0.7490, 0.9451
CMYK	1.00, 0.00, 0.78, 0.75
HSL	133°, 100%, 13%
HSV	133°, 100%, 25%
XYZ	1.9127, 3.6985, 1.0285
YIQ	39.1640, -22.0940, -29.1180

Conversions

Conversions Part 2

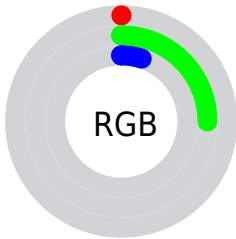
Format	Color
RYB	0, 53, 64
Decimal	16398
CIELab	22.65, -30.59, 24.36
CIELCh	23, 39.102, 141.471
Yxy	3.6985, 0.2881, 0.5570
Android (android.graphics.Color)	4278206478 (0xFF00400E)
YUV	39.1640, -12.4059, -34.3468
Hunter-Lab	19.2315, -15.9024, 10.2911

Details

The Decimal color **16398** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4194354**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **3764539**, and **4352** is the 20% darker color. If you saturate the color by 10%, you get **16398**, and if you desaturate by 10%, it is **409619**.

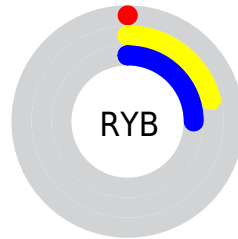
Distribution



Red (0%)

Green (25%)

Blue (5%)



Red (0%)

Yellow (21%)

Blue (25%)

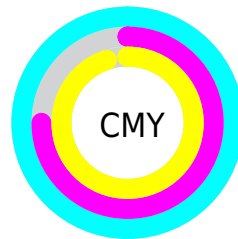


Cyan (100%)

Magenta (0%)

Yellow (78%)

Black (75%)



Cyan (100%)


Magenta (75%)


Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16398 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 16398 by changing the saturation by 10% instead.

 16398  16398

 16187378  10496

 3764539  4352

 5409362  0

 7120235

 8831108

 10607775

 12450234

 14286806

 16398

■ 409619

■ 868376

■ 1261597

■ 1720354

■ 2113575

■ 2506796

■ 2965553

■ 3358774

■ 3817531

Harmonies

Analogous

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



3160832



16398



16941

Triad

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



16398



15472



6821667

Complementary

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



16398



4194354

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.



6624832



16398



2110061

Square

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



16398



16739



5251931



6169861

Rectangle

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



16398



17217



5251931



6886444

Sweetspot

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



16398



3888192



3293184



1846047



11250603



2829099

Same Dimension

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



16398



21522



16430



1974559



24853



57393

Inverse Universe

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



4194354



5505090



4194322



2170400



6357068



14680239

Previews

White Background



This preview shows how the Decimal color 16398 looks on a white background.

Color Contrast Check

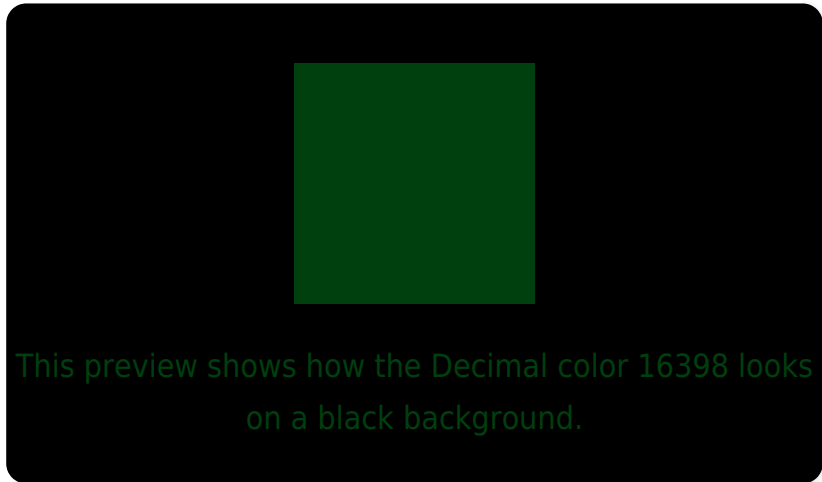
Large Text (above 18pt) WCAG AA ✓ Pass

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

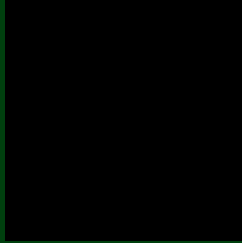
Any Text WCAG AA × Fail

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 16398 Background



This preview shows how black text looks on a background with the Decimal color 16398.



This preview shows how white text looks on a background with the Decimal color 16398.

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](#).

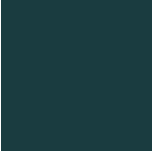
Dichromacy



Original Color
16398

Protanopia
4077324

Deuteranopia
4469779



Tritanopia
1719360

Trichromacy



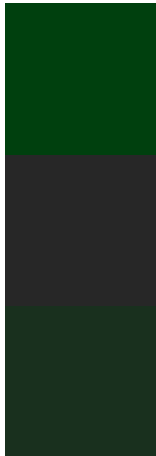
Original Color
16398

Protanomaly
2570765

Deuteranomaly
2832401

Tritanomaly
1129774

Monochromacy



Original Color
16398

Achromatopsia
2565927

Achromatomaly
1650718

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16398 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 #00400E looks like.

```
.text, #text, p{  
    color:#00400E  
}
```

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 #00400E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00400E
}
```

Border

The CSS property to change the border of an element to Decimal 16398 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".

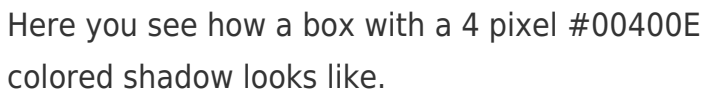
```
.border, #border, table{ border:4px solid
#00400E }
```

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

```
.border{ border-color:#00400E }
```

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

Here you see how a box with a 4 pixel #00400E colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00400E; -webkit-box-shadow:4px 4px  
4px 4px #00400E; box-shadow:4px 4px 4px  
4px #00400E }
```

Background

The CSS property to change the background color of an element to Decimal 16398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00400E }
```

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

```
.background{ background-color:#00400E }
```

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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