

Converting Colors

Decimal(798012)

Have a look what the booklet for
Decimal(798012) contains.

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Color

Decimal(798012)

Conversions

Conversions Part 1

Format	Color
Hex	0C2D3C
RGB	12, 45, 60
RGB Percent	5%, 18%, 24%
CMY	0.9529, 0.8235, 0.7647
CMYK	0.80, 0.25, 0.00, 0.76
HSL	199°, 67%, 14%
HSV	199°, 80%, 24%
XYZ	1.9056, 2.2812, 4.6148
YIQ	36.8430, -24.4830, -2.3310

Conversions

Conversions Part 2

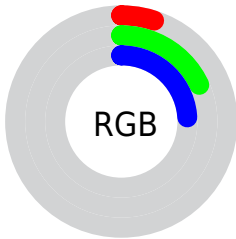
Format	Color
R_{YB}	12, 32, 60
Decimal	798012
CIE Lab	16.90, -5.97, -13.01
CIE LCh	17, 14.315, 245.342
Yxy	2.2812, 0.2165, 0.2592
Android (android.graphics.Color)	4278988092 (0xFF0C2D3C)
YUV	36.8430, 11.4164, -21.7873
Hunter-Lab	15.1036, -3.9099, -7.5433

Details

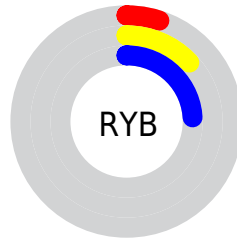
The Decimal color **798012** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3939084**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **4021099**, and **273** is the 20% darker color. If you saturate the color by 10%, you get **404284**, and if you desaturate by 10%, it is **1191740**.

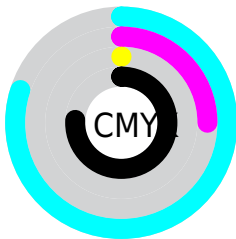
Distribution



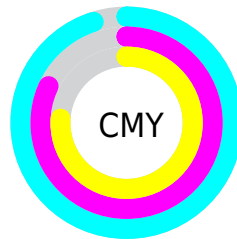
- Red (5%)
- Green (18%)
- Blue (24%)



- Red (5%)
- Yellow (13%)
- Blue (24%)



- Cyan (80%)
- Magenta (25%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 798012 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 798012 by changing the saturation by 10% instead.



798012



798012



16318463



6438



4021099



273



5665669



0



7310751



9021370



10797781



12574450



14416895



798012



798012

■ 404284

■ 1191740

■ 10556

■ 1585468

■ 1979196

■ 2372668

■ 2766396

■ 3160124

■ 3553852

■ 3947580

■ 4341308

Harmonies

Analogous

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



143157



798012



1976894

Triad

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



798012



4006440



2370841

Complementary

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



798012



3939084

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.



3090965



798012



4006686

Square

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



798012



3679026



3614231



1519137

Rectangle

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



798012



2697276



3614231



2632727

Sweetspot

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



798012



3950927



801818



1910057



11053224



2697513

Same Dimension

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



798012



210767



792124



1842719



16734



39390

Inverse Universe

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



3935277



5178167



3944972



2038814



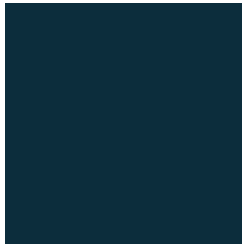
6160449



14549145

Previews

White Background



This preview shows how the Decimal color 798012 looks on a white background.

Color Contrast Check

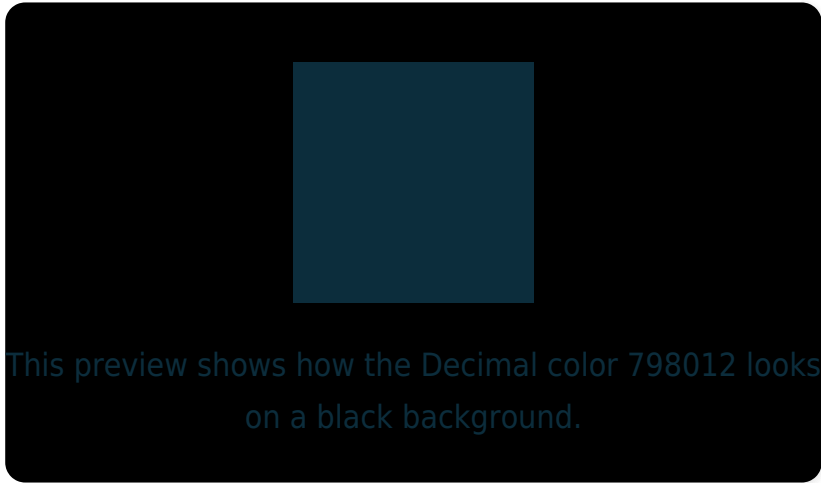
Large Text (above 18pt) WCAG AA ✓ Pass

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

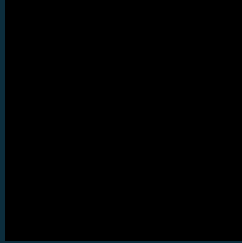
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

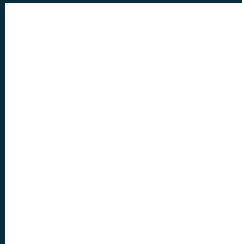
Any Text WCAG AAA × Fail

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

Decimal 798012 Background



This preview shows how black text looks on a background with the Decimal color 798012.



This preview shows how white text looks on a background with the Decimal color 798012.

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
798012

Protanopia
2435385

Deuteranopia
2239037

Trichromacy



Original Color
798012

Protanomaly
1845818

Deuteranomaly
1715005

Tritanomaly
273974

Monochromacy



Original Color
798012

Achromatopsia
2434341

Achromatomaly
1845293

CSS Examples

Text

The CSS property to change the color of the text to Decimal 798012 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 #0C2D3C looks like.

```
.text, #text, p{  
    color:#0C2D3C  
}
```

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 #0C2D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2D3C
}
```

Border

The CSS property to change the border of an element to Decimal 798012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

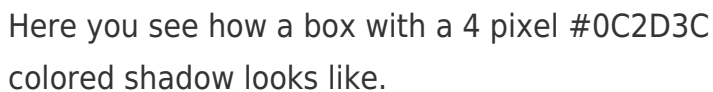
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C2D3C }
```

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

```
.border{ border-color:#0C2D3C }
```

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



Here you see how a box with a 4 pixel #0C2D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2D3C; -webkit-box-shadow:4px 4px  
4px 4px #0C2D3C; box-shadow:4px 4px 4px  
4px #0C2D3C }
```

Background

The CSS property to change the background color of an element to Decimal 798012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2D3C }
```

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

```
.background{ background-color:#0C2D3C }
```

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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