

Converting Colors

Decimal(799040)

Have a look what the booklet for
Decimal(799040) contains.

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Color

Decimal(799040)

Conversions

Conversions Part 1

Format	Color
Hex	0C3140
RGB	12, 49, 64
RGB Percent	5%, 19%, 25%
CMY	0.9529, 0.8078, 0.7490
CMYK	0.81, 0.23, 0.00, 0.75
HSL	197°, 68%, 15%
HSV	197°, 81%, 25%
XYZ	2.1753, 2.6450, 5.2464
YIQ	39.6470, -26.8670, -3.1790

Conversions

Conversions Part 2

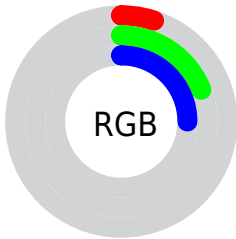
Format	Color
R_YB	12, 34, 64
Decimal	799040
CIE Lab	18.56, -7.01, -13.19
CIE LCh	19, 14.937, 241.996
Yxy	2.6450, 0.2161, 0.2627
Android (android.graphics.Color)	4278989120 (0xFF0C3140)
YUV	39.6470, 12.0060, -24.2464
Hunter-Lab	16.2633, -4.5850, -7.7420

Details

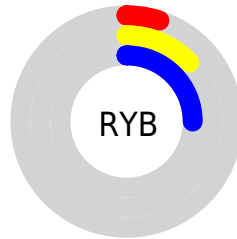
The Decimal color **799040** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4201228**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **4153200**, and **278** is the 20% darker color. If you saturate the color by 10%, you get **405312**, and if you desaturate by 10%, it is **1192768**.

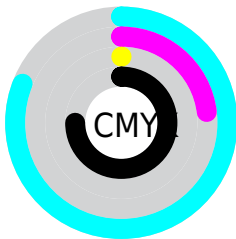
Distribution



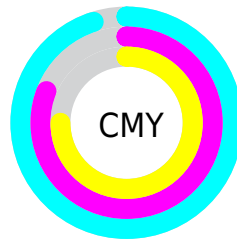
- Red (5%)
- Green (19%)
- Blue (25%)



- Red (5%)
- Yellow (13%)
- Blue (25%)



- Cyan (81%)
- Magenta (23%)
- Yellow (0%)
- Black (75%)



- Cyan (95%)
- Magenta (81%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 799040 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 799040 by changing the saturation by 10% instead.

■ 799040

■ 799040

■ 16449535

■ 7210

■ 4153200

■ 278

■ 5732489

■ 0

■ 7443107

■ 9153727

■ 10930138

■ 12706807

■ 14548991

■ 799040

■ 799040

■ 405312

■ 1192768

■ 11840

■ 1652032

■ 2045760

■ 2504768

■ 2898496

■ 3292224

■ 3751488

■ 4145216

■ 4604480

Harmonies

Analogous

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



209720



799040



2043459

Triad

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



799040



4334893



2633755

Complementary

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



799040



4201228

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.



3419415



799040



4335138

Square

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



799040



3876664



4008218



1782307

Rectangle

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



799040



2763585



4008218



2895641

Sweetspot

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



799040



4214356



802843



2041899



11250603



2829099

Same Dimension

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



799040



146516



792384



1974305



17761



41184

Inverse Universe

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



4197425



5505596



4207884



2170400



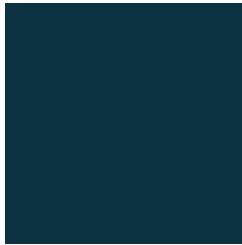
6357061



14680224

Previews

White Background



This preview shows how the Decimal color 799040 looks on a white background.

Color Contrast Check

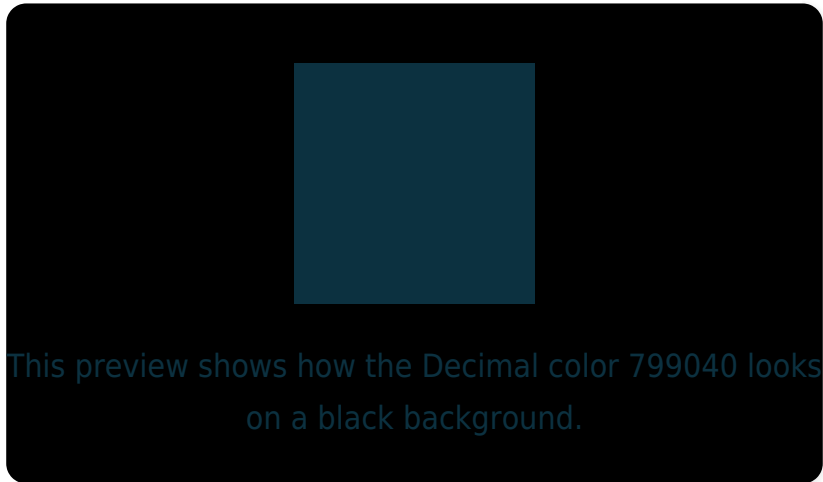
Large Text (above 18pt) WCAG AA ✓ Pass

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

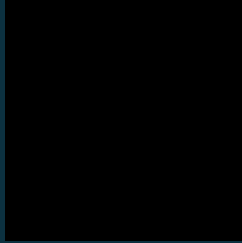
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

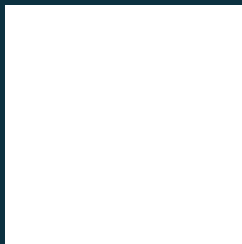
Any Text WCAG AAA × Fail

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

Decimal 799040 Background



This preview shows how black text looks on a background with the Decimal color 799040.



This preview shows how white text looks on a background with the Decimal color 799040.

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

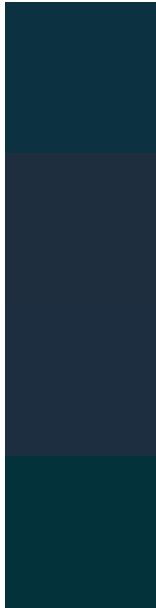


Original Color
799040

Protanopia
2698557

Deuteranopia
2501953

Trichromacy



Original Color
799040

Protanomaly
1977918

Deuteranomaly
1912385

Tritanomaly
275002

Monochromacy



Original Color
799040

Achromatopsia
2631720

Achromatomaly
1977137

CSS Examples

Text

The CSS property to change the color of the text to Decimal 799040 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 #0C3140 looks like.

```
.text, #text, p{  
    color:#0C3140  
}
```

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 #0C3140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3140
}
```

Border

The CSS property to change the border of an element to Decimal 799040 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
#0C3140 }
```

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

```
.border{ border-color:#0C3140 }
```

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

Here you see how a box with a 4 pixel #0C3140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3140; -webkit-box-shadow:4px 4px  
4px 4px #0C3140; box-shadow:4px 4px 4px  
4px #0C3140 }
```

Background

The CSS property to change the background color of an element to Decimal 799040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3140 }
```

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

```
.background{ background-color:#0C3140 }
```

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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