

Converting Colors

Decimal(799809)

Have a look what the booklet for
Decimal(799809) contains.

Decimal(799809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Decimal(799809)

Conversions

Conversions Part 1

Format	Color
Hex	0C3441
RGB	12, 52, 65
RGB Percent	5%, 20%, 25%
CMY	0.9529, 0.7961, 0.7451
CMYK	0.82, 0.20, 0.00, 0.75
HSL	195°, 69%, 15%
HSV	195°, 82%, 25%
XYZ	2.3337, 2.9158, 5.4408
YIQ	41.5220, -28.0130, -4.4370

Conversions

Conversions Part 2

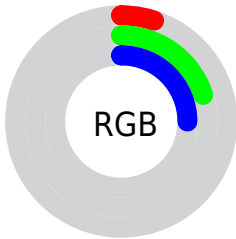
Format	Color
R_{YB}	12, 35, 65
Decimal	799809
CIE Lab	19.70, -8.57, -12.11
CIE LCh	20, 14.833, 234.713
Yxy	2.9158, 0.2183, 0.2727
Android (android.graphics.Color)	4278989889 (0xFF0C3441)
YUV	41.5220, 11.5747, -25.8908
Hunter-Lab	17.0757, -5.4868, -6.9386

Details

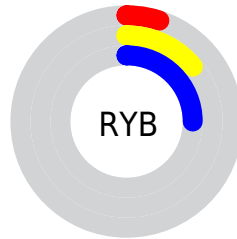
The Decimal color **799809** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4266252**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **4153969**, and **279** is the 20% darker color. If you saturate the color by 10%, you get **406081**, and if you desaturate by 10%, it is **1259073**.

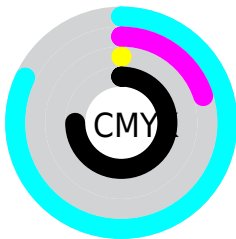
Distribution



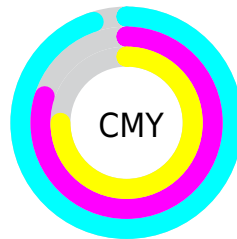
- Red (5%)
- Green (20%)
- Blue (25%)



- Red (5%)
- Yellow (14%)
- Blue (25%)



- Cyan (82%)
- Magenta (20%)
- Yellow (0%)
- Black (75%)



- Cyan (95%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 799809 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 799809 by changing the saturation by 10% instead.

■ 799809

■ 799809

■ 16515071

■ 7979

■ 4153969

■ 279

■ 5798794

■ 0

■ 7443877

■ 9220288

■ 10931164

■ 12773368

■ 14614527

■ 799809

■ 799809

■ 406081

■ 1259073

■ 12609

■ 1652545

■ 2111809

■ 2505281

■ 2964545

■ 3358273

■ 3817281

■ 4211009

■ 4670017

Harmonies

Analogous

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



537912



799809



1913157

Triad

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



799809



4401202



3027484

Complementary

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



799809



4266252

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.



3747354



799809



4532263

Square

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



799809



3942972



4270878



2176035

Rectangle

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



799809



2699076



4270878



3289370

Sweetspot

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



799809



4214612



803096



2041899



11250603



2829099

Same Dimension

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



799809



147540



793153



1974305



18785



43488

Inverse Universe

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



4262964



5505600



4272908



2170400



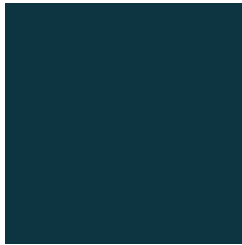
6357065



14680233

Previews

White Background



This preview shows how the Decimal color 799809 looks on a white background.

Color Contrast Check

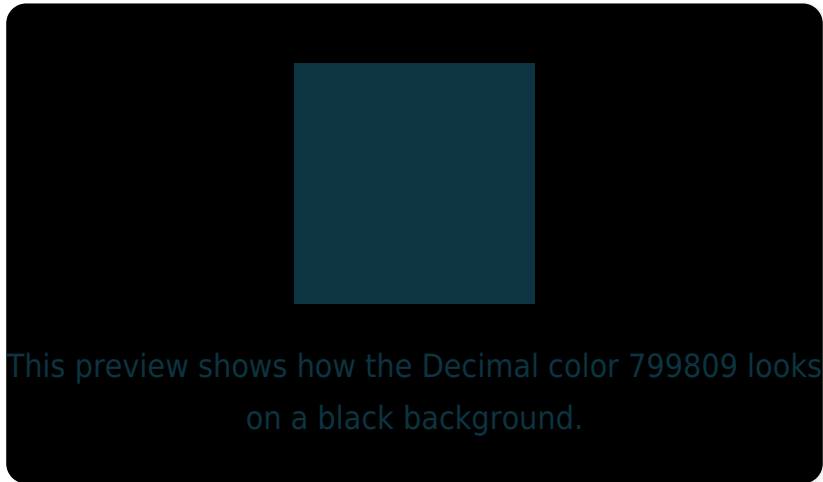
Large Text (above 18pt) WCAG AA ✓ Pass

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

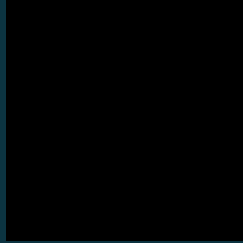
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

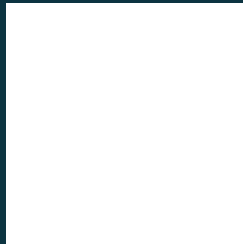
Any Text WCAG AAA × Fail

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

Decimal 799809 Background



This preview shows how black text looks on a background with the Decimal color 799809.



This preview shows how white text looks on a background with the Decimal color 799809.

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
799809

Protanopia
2895678

Deuteranopia
2764610

Trichromacy



Original Color
799809

Protanomaly
2109759

Deuteranomaly
2044226

Monochromacy



Original Color
799809

Achromatopsia
2763306

Achromatomaly
2043442

CSS Examples

Text

The CSS property to change the color of the text to Decimal 799809 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 #0C3441 looks like.

```
.text, #text, p{  
    color:#0C3441  
}
```

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 #0C3441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3441
}
```

Border

The CSS property to change the border of an element to Decimal 799809 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
#0C3441 }
```

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

```
.border{ border-color:#0C3441 }
```

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

Here you see how a box with a 4 pixel #0C3441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3441; -webkit-box-shadow:4px 4px  
4px 4px #0C3441; box-shadow:4px 4px 4px  
4px #0C3441 }
```

Background

The CSS property to change the background color of an element to Decimal 799809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3441 }
```

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

```
.background{ background-color:#0C3441 }
```

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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