

Converting Colors

Decimal(799063)

Have a look what the booklet for
Decimal(799063) contains.

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Color

Decimal(799063)

Conversions

Conversions Part 1

Format	Color
Hex	0C3157
RGB	12, 49, 87
RGB Percent	5%, 19%, 34%
CMY	0.9529, 0.8078, 0.6588
CMYK	0.86, 0.44, 0.00, 0.66
HSL	210°, 76%, 19%
HSV	210°, 86%, 34%
XYZ	2.9702, 2.9629, 9.4322
YIQ	42.2690, -34.2500, 3.9740

Conversions

Conversions Part 2

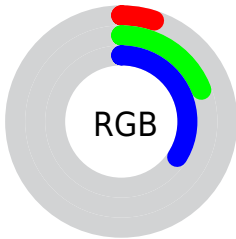
Format	Color
R_{YB}	12, 37, 87
Decimal	799063
CIE _{Lab}	19.89, 2.77, -26.61
CIE _{LCh}	20, 26.751, 275.947
Yxy	2.9629, 0.1933, 0.1928
Android (android.graphics.Color)	4278989143 (0xFF0C3157)
YUV	42.2690, 22.0524, -26.5459
Hunter-Lab	17.2131, 0.6784, -20.4397

Details

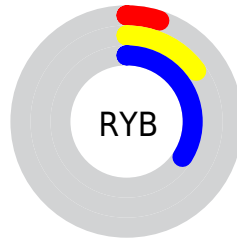
The Decimal color **799063** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5714444**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **4480905**, and **298** is the 20% darker color. If you saturate the color by 10%, you get **208215**, and if you desaturate by 10%, it is **1389911**.

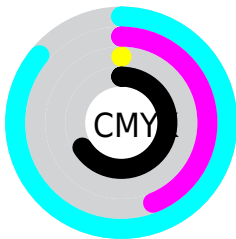
Distribution



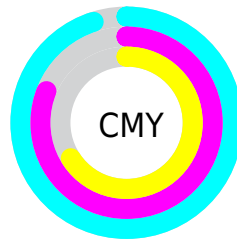
- Red (5%)
- Green (19%)
- Blue (34%)



- Red (5%)
- Yellow (15%)
- Blue (34%)



- Cyan (86%)
- Magenta (44%)
- Yellow (0%)
- Black (66%)



- Cyan (95%)
- Magenta (81%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 799063 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 799063 by changing the saturation by 10% instead.



799063



799063

16777215



7231



4480905



298



6191012



276



7901631



0



9677787



11519991



13362175



15204351



799063



799063

■ 208215

■ 1389911

■ 11095

■ 1915479

■ 2506327

■ 3097431

■ 3622743

■ 4213591

■ 4804695

■ 5395543

■ 5921111

Harmonies

Analogous

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



13908



799063



3549520

Triad

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



799063



5317146



14367

Complementary

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



799063



5714444

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.



2241806



799063



4663562

Square

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



799063



5447213



3616772



14900

Rectangle

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



799063



4531270



3616772



997401

Sweetspot

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



799063



5464432



808753



2567992



12105912



3684408

Same Dimension

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



799063



14192



789591



2566443



13675



29931

Inverse Universe

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



5704753



7340087



5723916



2828073



7012405



15401076

Previews

White Background



This preview shows how the Decimal color 799063 looks on a white background.

Color Contrast Check

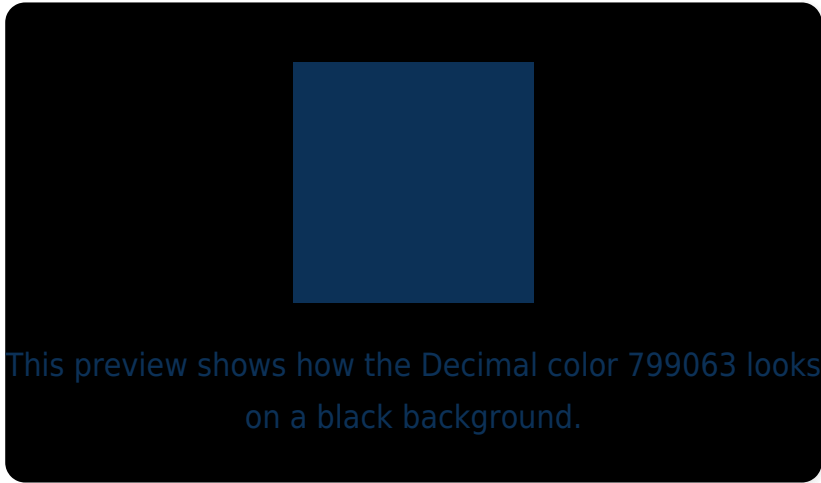
Large Text (above 18pt) WCAG AA ✓ Pass

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

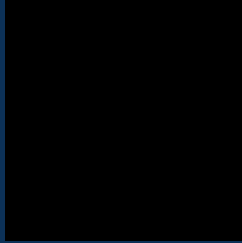
Any Text WCAG AA × Fail

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 799063 Background



This preview shows how black text looks on a background with the Decimal color 799063.



This preview shows how white text looks on a background with the Decimal color 799063.

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
799063

Protanopia
2043733

Deuteranopia
536919



Tritanopia
13882

Trichromacy



Original Color
799063

Protanomaly
1585238

Deuteranomaly
602455

Tritanomaly
275525

Monochromacy



Original Color
799063

Achromatopsia
2763306

Achromatomaly
2043194

CSS Examples

Text

The CSS property to change the color of the text to Decimal 799063 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 #0C3157 looks like.

```
.text, #text, p{  
    color:#0C3157  
}
```

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 #0C3157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3157
}
```

Border

The CSS property to change the border of an element to Decimal 799063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

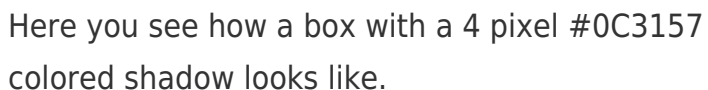
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C3157 }
```

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

```
.border{ border-color:#0C3157 }
```

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



Here you see how a box with a 4 pixel #0C3157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3157; -webkit-box-shadow:4px 4px  
4px 4px #0C3157; box-shadow:4px 4px 4px  
4px #0C3157 }
```

Background

The CSS property to change the background color of an element to Decimal 799063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3157 }
```

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

```
.background{ background-color:#0C3157 }
```

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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