

# Converting Colors

Decimal(790063)

Have a look what the booklet for  
Decimal(790063) contains.

<b>Decimal(790063)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Decimal(790063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C0E2F
RGB	12, 14, 47
RGB Percent	5%, 5%, 18%
CMY	0.9529, 0.9451, 0.8157
CMYK	0.74, 0.70, 0.00, 0.82
HSL	237°, 59%, 12%
HSV	237°, 74%, 18%
XYZ	0.8217, 0.5975, 2.7613
YIQ	17.1640, -11.7850, 9.8390

# Conversions

## Conversions Part 2

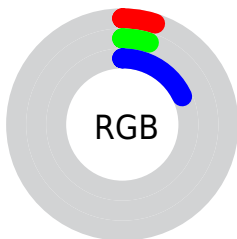
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	12, 14, 47
Decimal	790063
CIELab	5.40, 10.40, -21.87
CIELCh	5, 24.216, 295.433
Yxy	0.5975, 0.1966, 0.1429
Android (android.graphics.Color)	4278980143 (0xFF0C0E2F)
YUV	17.1640, 14.7091, -4.5288
Hunter-Lab	7.7296, 5.4496, -15.7700

# Details

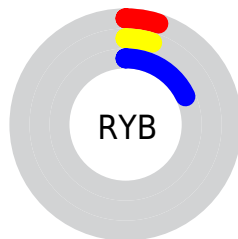
The Decimal color **790063** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3091724**, and the grayscale version is **1118481**.

A 20% lighter version of the original color is **3749981**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **461359**, and if you desaturate by 10%, it is **1118767**.

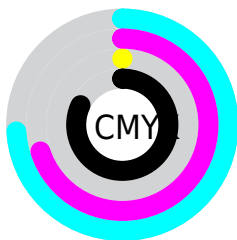
# Distribution



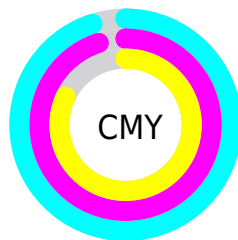
- Red (5%)
- Green (5%)
- Blue (18%)



- Red (5%)
- Yellow (5%)
- Blue (18%)



- Cyan (74%)
- Magenta (70%)
- Yellow (0%)
- Black (82%)



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 790063 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 790063 by changing the saturation by 10% instead.



■ 790063

■ 790063

■ 15855103

■ 282

■ 3749981

■ 0

■ 5328758

■ 6973328

■ 8618154

■ 10394310

■ 12170722

■ 14012927

■ 790063

■ 790063

■ 461359

■ 1118767

■ 197935

■ 1382191

■ 815

■ 1710895

■ 2039855

■ 2368559

■ 2631983

■ 2960687

■ 3289391

■ 3552815

# Harmonies

## Analogous

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



5426



790063



2295076

# Triad

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



790063



2557952



7182

# Complementary

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



790063



3091724

# 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.



6656



79063



1773568

# Square

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



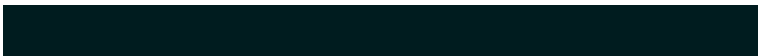
790063



3014912



202240



7199

# Rectangle

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



790063



2752795



202240



7172



# Sweetspot

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



790063



3158333



798509



1513247



10395294



2039583



# Same Dimension

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



790063



461373



1772591



1381655



1367



3286



# Inverse Universe

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



3083278



3999498



2109196



1512725



5701637



14024716



# Previews

## White Background



This preview shows how the Decimal color 790063 looks on a white background.

### Color Contrast Check

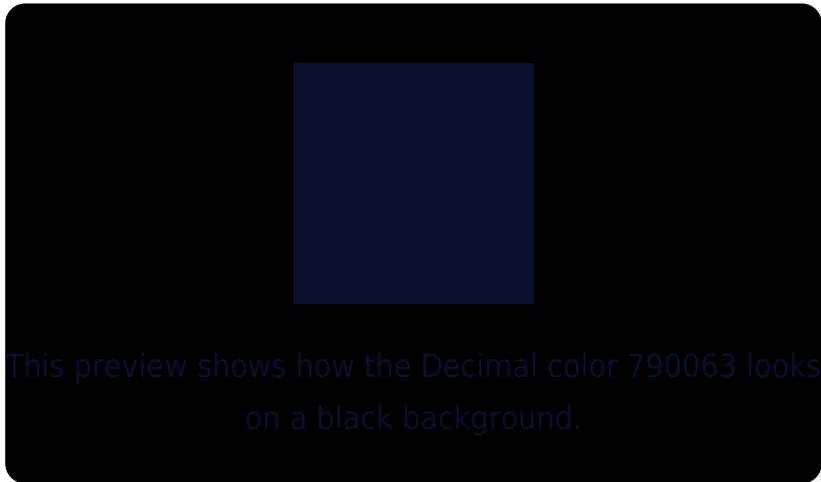
Large Text (above 18pt) WCAG AA ✓ Pass

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

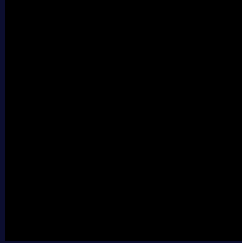
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 790063 Background



This preview shows how black text looks on a background with the Decimal color 790063.



This preview shows how white text looks on a background with the Decimal color 790063.

# 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**  
790063

**Protanopia**  
4646

**Deuteranopia**  
4897

# Trichromacy



**Original Color**  
790063

**Protanomaly**  
266537

**Deuteranomaly**  
266534

# Monochromacy



**Original Color**  
790063

**Achromatopsia**  
1118481

**Achromatomaly**  
987164

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 790063 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 #0C0E2F looks like.

```
.text, #text, p{  
    color:#0C0E2F  
}
```

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 #0C0E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0E2F
}
```

## Border

The CSS property to change the border of an element to Decimal 790063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

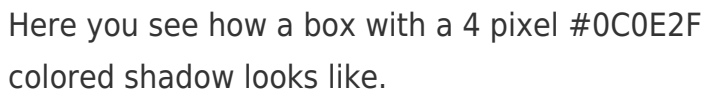
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C0E2F }
```

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

```
.border{ border-color:#0C0E2F }
```

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



Here you see how a box with a 4 pixel #0C0E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0E2F; -webkit-box-shadow:4px 4px  
4px 4px #0C0E2F; box-shadow:4px 4px 4px  
4px #0C0E2F }
```

# Background

The CSS property to change the background color of an element to Decimal 790063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0E2F }
```

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

```
.background{ background-color:#0C0E2F }
```

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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