

Converting Colors

Decimal(395071)

Have a look what the booklet for
Decimal(395071) contains.

Decimal(395071)	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(395071)

Conversions

Conversions Part 1

Format	Color
Hex	06073F
RGB	6, 7, 63
RGB Percent	2%, 3%, 25%
CMY	0.9765, 0.9725, 0.7529
CMYK	0.90, 0.89, 0.00, 0.75
HSL	239°, 83%, 14%
HSV	239°, 90%, 25%
XYZ	1.0483, 0.5496, 4.7535
YIQ	13.0850, -18.5720, 17.2040

Conversions

Conversions Part 2

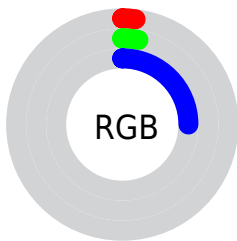
Format	Color
RYB	6, 7, 63
Decimal	395071
CIELab	4.96, 20.93, -34.28
CIELCh	5, 40.165, 301.414
Yxy	0.5496, 0.1651, 0.0865
Android (android.graphics.Color)	4278585151 (0xFF06073F)
YUV	13.0850, 24.6081, -6.2135
Hunter-Lab	7.4132, 12.2682, -32.8283

Details

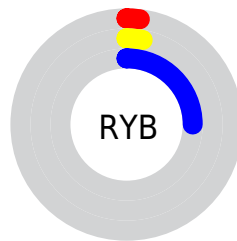
The Decimal color **395071** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4144646**, and the grayscale version is **855309**.

A 20% lighter version of the original color is **3879535**, and **274** is the 20% darker color. If you saturate the color by 10%, you get **319**, and if you desaturate by 10%, it is **789823**.

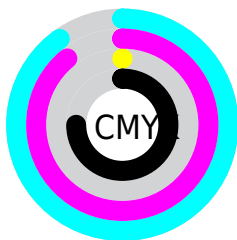
Distribution



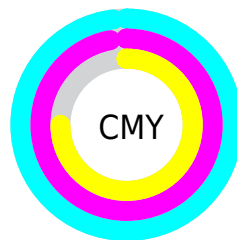
- Red (2%)
- Green (3%)
- Blue (25%)



- Red (2%)
- Yellow (3%)
- Blue (25%)



- Cyan (90%)
- Magenta (89%)
- Yellow (0%)
- Black (75%)



- Cyan (98%)
- Magenta (97%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 395071 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 395071 by changing the saturation by 10% instead.

■ 395071 ■ 395071

■ 16312063 ■ 808

■ 3879535 ■ 274

■ 5523849 ■ 0

■ 7233956

■ 8944319

■ 10720475

■ 12562168

■ 14404351

■ 395071 ■ 395071

■ 319

■ 789823

■ 1250111

■ 1645119

■ 2039871

■ 2434623

■ 2894911

■ 3289663

■ 3684671

■ 4144959

Harmonies

Analogous

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



5447



395071



3080235

Triad

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



395071



2818560



6674

Complementary

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



395071



4144646

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



395071



1380608

Square

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



395071



3670016



6656



7212

Rectangle

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



395071



3735578



6656



6659

Sweetspot

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



395071



3947602



409405



1842217



11053224



2697513

Same Dimension

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



395071



338



2164287



1842207



606



1246

Inverse Universe

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



4130311



5373953



2375430



2038812



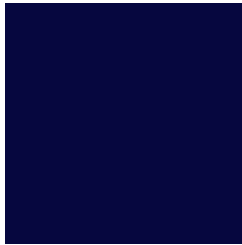
6160386



14548996

Previews

White Background



This preview shows how the Decimal color 395071 looks on a white background.

Color Contrast Check

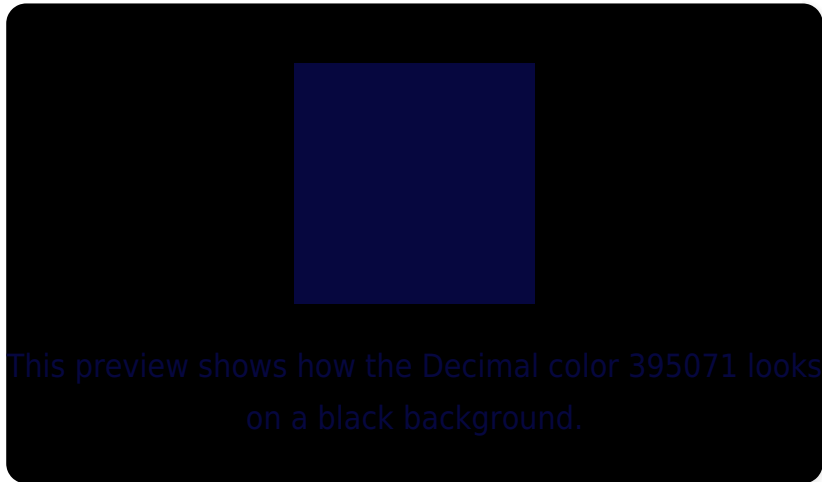
Large Text (above 18pt) WCAG AA ✓ Pass

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

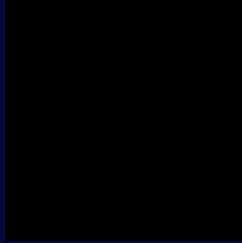
Any Text WCAG AA × Fail

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 395071 Background



This preview shows how black text looks on a background with the Decimal color 395071.



This preview shows how white text looks on a background with the Decimal color 395071.

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
395071

Protanopia
4904

Deuteranopia
5154

Trichromacy



Original Color
395071

Protanomaly
134960

Deuteranomaly
134957

Monochromacy



Original Color
395071

Achromatopsia
855309

Achromatomaly
658207

CSS Examples

Text

The CSS property to change the color of the text to Decimal 395071 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 #06073F looks like.

```
.text, #text, p{  
    color:#06073F  
}
```

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 #06073F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06073F
}
```

Border

The CSS property to change the border of an element to Decimal 395071 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
#06073F }
```

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

```
.border{ border-color:#06073F }
```

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

Here you see how a box with a 4 pixel #06073F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06073F; -webkit-box-shadow:4px 4px  
4px 4px #06073F; box-shadow:4px 4px 4px  
4px #06073F }
```

Background

The CSS property to change the background color of an element to Decimal 395071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06073F }
```

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

```
.background{ background-color:#06073F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor