

# Converting Colors

Decimal(399679)

Have a look what the booklet for  
Decimal(399679) contains.

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# Color

**Decimal(399679)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06193F
RGB	6, 25, 63
RGB Percent	2%, 10%, 25%
CMY	0.9765, 0.9020, 0.7529
CMYK	0.90, 0.60, 0.00, 0.75
HSL	220°, 83%, 14%
HSV	220°, 90%, 25%
XYZ	1.3199, 1.0929, 4.8440
YIQ	23.6510, -23.5220, 7.7900

# Conversions

## Conversions Part 2

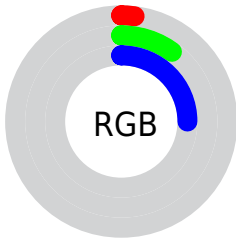
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 20, 63
Decimal	399679
CIELab	9.74, 9.22, -26.48
CIELCh	10, 28.045, 289.204
Yxy	1.0929, 0.1819, 0.1506
Android (android.graphics.Color)	4278589759 (0xFF06193F)
YUV	23.6510, 19.3991, -15.4799
Hunter-Lab	10.4540, 4.2432, -20.1550

# Details

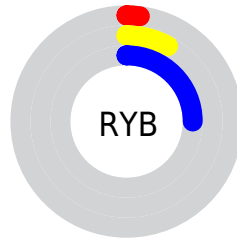
The Decimal color **399679** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4140038**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **3883887**, and **275** is the 20% darker color. If you saturate the color by 10%, you get **5439**, and if you desaturate by 10%, it is **793919**.

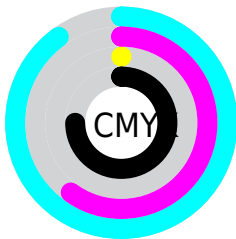
# Distribution



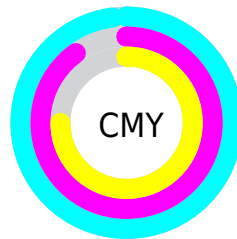
- Red (2%)
- Green (10%)
- Blue (25%)



- Red (2%)
- Yellow (8%)
- Blue (25%)



- Cyan (90%)
- Magenta (60%)
- Yellow (0%)
- Black (75%)



- Cyan (98%)
- Magenta (90%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 399679 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 399679 by changing the saturation by 10% instead.





399679



399679



16186367



41



3883887



275



5462921



0



7173027



8883646



10659802



12436215



14278399



399679



399679

■ 5439

■ 793919

■ 1253695

■ 1648191

■ 2042431

■ 2436671

■ 2896447

■ 3290687

■ 3685183

■ 4144959

# Harmonies

## Analogous

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



8000



399679



2756404

# Triad

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



399679



3542528



9235

# Complementary

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



399679



4140038

# 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.



8448



399679



2693120

# Square

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



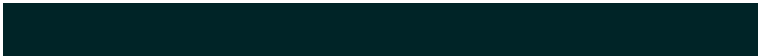
399679



3933454



1580544



9255

# Rectangle

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



399679



3475497



1580544



8970



# Sweetspot

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



399679



3949394



409388



1843241



11053224



2697513



# Same Dimension

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



399679



6994



984639



1842463



8030



19166



# Inverse Universe

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



4130329



5373979



3489542



2038813



6160415



14549066



# Previews

## White Background



This preview shows how the Decimal color 399679 looks on a white background.

### Color Contrast Check

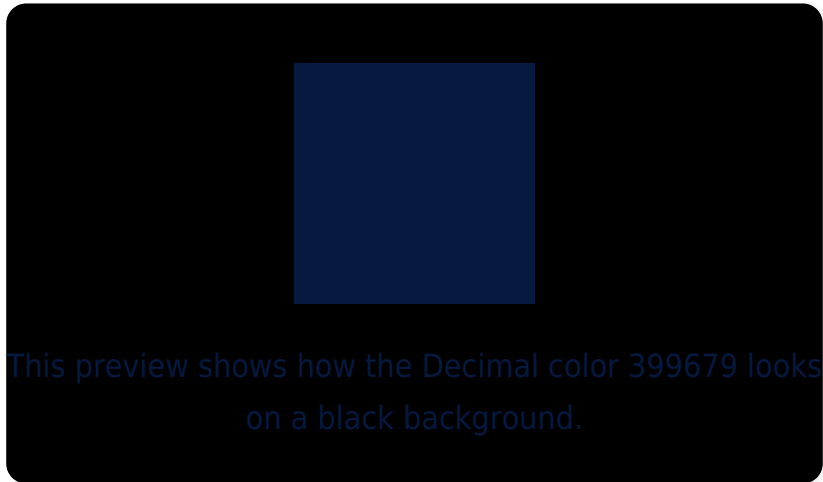
Large Text (above 18pt) WCAG AA ✓ Pass

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

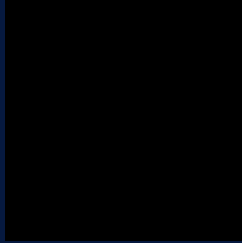
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 399679 Background



This preview shows how black text looks on a background with the Decimal color 399679.



This preview shows how white text looks on a background with the Decimal color 399679.

# 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**  
399679

**Protanopia**  
6969

**Deuteranopia**  
7473



# Trichromacy



**Original Color**  
39679

**Protanomaly**  
137787

**Deuteranomaly**  
138294

**Tritanomaly**  
138540

# Monochromacy



**Original Color**  
39679

**Achromatopsia**  
1579032

**Achromatomaly**  
1120294

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 399679 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 #06193F looks like.

```
.text, #text, p{  
    color:#06193F  
}
```

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 #06193F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06193F
}
```

## Border

The CSS property to change the border of an element to Decimal 399679 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
#06193F }
```

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

```
.border{ border-color:#06193F }
```

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

Here you see how a box with a 4 pixel #06193F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06193F; -webkit-box-shadow:4px 4px  
4px 4px #06193F; box-shadow:4px 4px 4px  
4px #06193F }
```

# Background

The CSS property to change the background color of an element to Decimal 399679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06193F }
```

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

```
.background{ background-color:#06193F }
```

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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