

# Converting Colors

Decimal(11390)

Have a look what the booklet for  
Decimal(11390) contains.

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# Color

**Decimal(11390)**

# Conversions

Conversions Part 1	
Format	Color
Hex	002C7E
RGB	0, 44, 126
RGB Percent	0%, 17%, 49%
CMY	1.0000, 0.8275, 0.5059
CMYK	1.00, 0.65, 0.00, 0.51
HSL	219°, 100%, 25%
HSV	219°, 100%, 49%
XYZ	4.6666, 3.3077, 20.1312
YIQ	40.1920, -52.5460, 16.1740

# Conversions

## Conversions Part 2

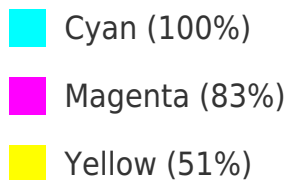
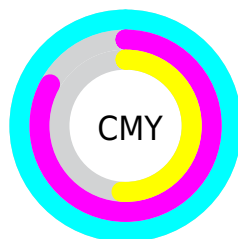
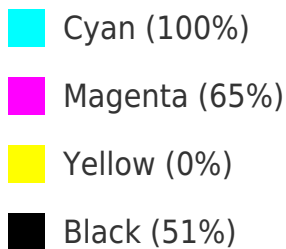
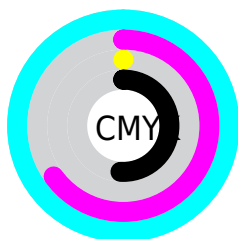
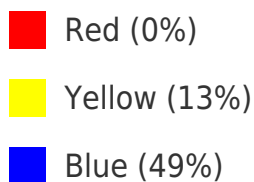
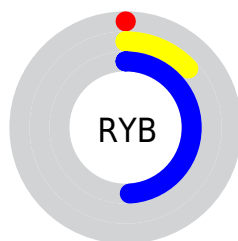
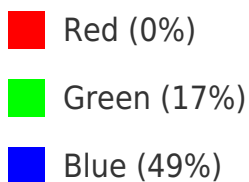
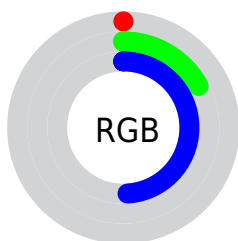
Format	Color
<a href="#">RYB</a>	<a href="#">0, 33, 126</a>
Decimal	<a href="#">11390</a>
CIELab	<a href="#">21.24, 22.58, -49.74</a>
CIELCh	<a href="#">21, 54.624, 294.422</a>
Yxy	<a href="#">3.3077, 0.1660, 0.1177</a>
Android (android.graphics.Color)	<a href="#">4278201470</a> (0xFF002C7E)
YUV	<a href="#">40.1920, 42.3033, -35.2484</a>
Hunter-Lab	<a href="#">18.1871, 13.9732, -52.8965</a>

# Details

The Decimal color **11390** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8278528**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **5069236**, and **76** is the 20% darker color. If you saturate the color by 10%, you get **11390**, and if you desaturate by 10%, it is **865406**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Decimal color 11390 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 11390 by changing the saturation by 10% instead.



 11390  11390

16777215  6244

 5069236  76

 6975951  1076

 8817644  542

 10659327  0

 12566783

 14474495

 16447743

 11390

■ 865406

■ 1653886

■ 2508158

■ 3296638

■ 4150654

■ 5004670

■ 5793150

■ 6647422

■ 7435902

# Harmonies

## Analogous

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



15237



11390



5901411

# Triad

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



11390



6494464



16938

# Complementary

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



11390



8278528

# 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.



16384



11390



4599552

# Square

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



11390



7602197



2046464



17236

# Rectangle

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



11390



7143498



2046464



16667



# Sweetspot

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



11390



7504803



32338



3423826



13750737



5395026



# Same Dimension

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



11390



14755



1245310



3750976



11648



0



# Inverse Universe

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



8257580



10682425



7044608



4208956



8388653



0



# Previews

## White Background



This preview shows how the Decimal color 11390 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



This preview shows how the Decimal color 11390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

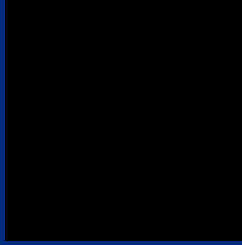
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 11390 Background



This preview shows how black text looks on a background with the Decimal color 11390.



This preview shows how white text looks on a background with the Decimal color 11390.

# 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**

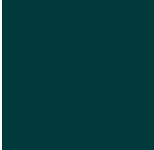
11390

**Protanopia**

12906

**Deuteranopia**

13658

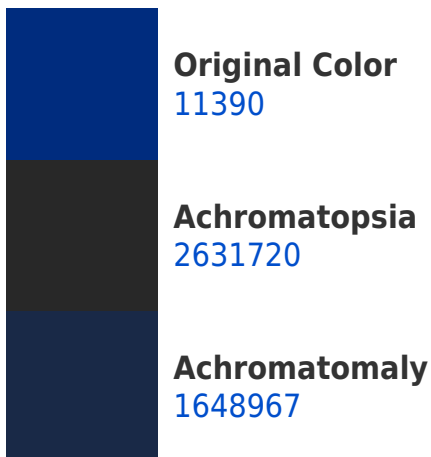


**Tritanopia**  
14909

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11390 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 #002C7E looks like.

```
.text, #text, p{  
    color:#002C7E  
}
```

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 #002C7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002C7E
}
```

## Border

The CSS property to change the border of an element to Decimal 11390 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
#002C7E }
```

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

```
.border{ border-color:#002C7E }
```

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

Here you see how a box with a 4 pixel #002C7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002C7E; -webkit-box-shadow:4px 4px  
4px 4px #002C7E; box-shadow:4px 4px 4px  
4px #002C7E }
```

# Background

The CSS property to change the background color of an element to Decimal 11390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002C7E }
```

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

```
.background{ background-color:#002C7E }
```

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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