

# Converting Colors

Decimal(77166)

Have a look what the booklet for  
Decimal(77166) contains.

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# Color

**Decimal(77166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	012D6E
RGB	1, 45, 110
RGB Percent	0%, 18%, 43%
CMY	0.9961, 0.8235, 0.5686
CMYK	0.99, 0.59, 0.00, 0.57
HSL	216°, 98%, 22%
HSV	216°, 99%, 43%
XYZ	3.7654, 3.0090, 15.1342
YIQ	39.2540, -47.0890, 10.8870

# Conversions

## Conversions Part 2

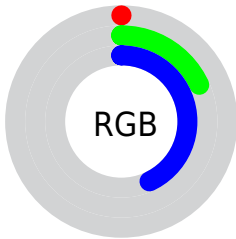
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 32, 110
Decimal	77166
CIELab	20.08, 14.93, -41.39
CIELCh	20, 44.005, 289.835
Yxy	3.0090, 0.1719, 0.1373
Android (android.graphics.Color)	4278267246 (0xFF012D6E)
YUV	39.2540, 34.8778, -33.5488
Hunter-Lab	17.3465, 8.3903, -39.5858

# Details

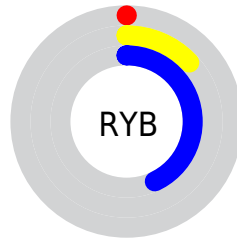
The Decimal color **77166** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7225857**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **4741794**, and **62** is the 20% darker color. If you saturate the color by 10%, you get **11374**, and if you desaturate by 10%, it is **799854**.

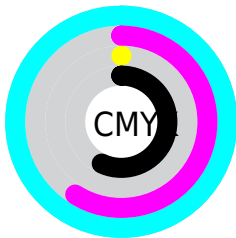
# Distribution



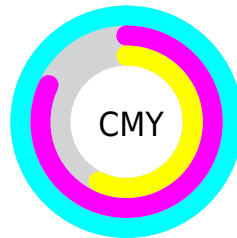
- Red (0%)
- Green (18%)
- Blue (43%)



- Red (0%)
- Yellow (13%)
- Blue (43%)



- Cyan (99%)
- Magenta (59%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (82%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 77166 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 77166 by changing the saturation by 10% instead.



■ 77166

■ 77166

16777215

■ 6485

■ 4741794

■ 62

■ 6517438

■ 807

■ 8359130

■ 272

■ 10135286

■ 0

■ 11977215

■ 13884927

■ 15792639

■ 77166

■ 77166

■ 11374

■ 799854

■ 1522286

■ 2244974

■ 2967406

■ 3690094

■ 4412526

■ 5135214

■ 5857646

■ 6580334

# Harmonies

## Analogous

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



14449



77166



4922203

# Triad

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



77166



6036224



15652

# Complementary

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



77166



7225857

# 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.



15104



77166



4598528

# Square

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



77166



6751005



2700544



15942

# Rectangle

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



77166



6097479



2700544



15641



# Sweetspot

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



77166



6583695



93761



3029063



13092807



4671303



# Same Dimension

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



77166



14991



655726



3290424



12408



25847



# Inverse Universe

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



7209261



9371706



6647297



3682869



7864368



16187492



# Previews

## White Background



This preview shows how the Decimal color 77166 looks on a white background.

### Color Contrast Check

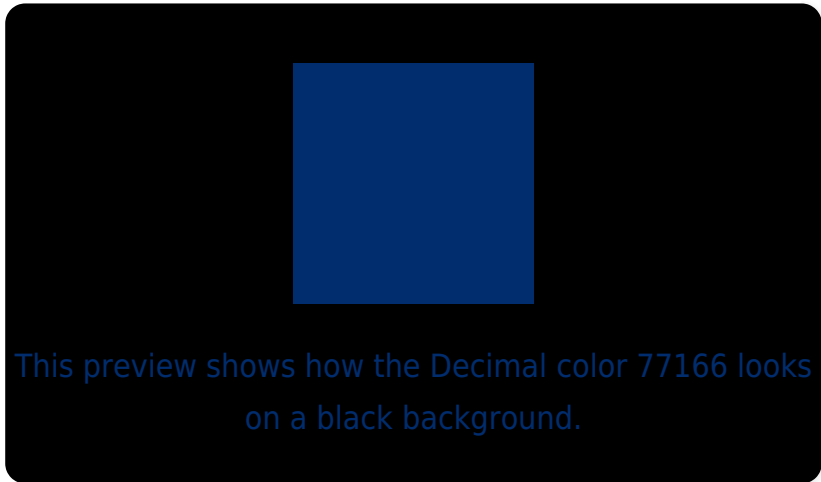
Large Text (above 18pt) WCAG AA ✓ Pass

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 77166 Background



This preview shows how black text looks on a background with the Decimal color 77166.



This preview shows how white text looks on a background with the Decimal color 77166.

# 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**  
77166

**Protanopia**  
12389

**Deuteranopia**  
13142



**Tritanopia**  
14138

# Trichromacy



**Original Color**

77166

**Protanomaly**

12136

**Deuteranomaly**

12639

**Tritanomaly**

13133

# Monochromacy



**Original Color**

77166

**Achromatopsia**

2565927

**Achromatomaly**

1648961

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 77166 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 #012D6E looks like.

```
.text, #text, p{  
    color:#012D6E  
}
```

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 #012D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012D6E
}
```

## Border

The CSS property to change the border of an element to Decimal 77166 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
#012D6E }
```

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

```
.border{ border-color:#012D6E }
```

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

Here you see how a box with a 4 pixel #012D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012D6E; -webkit-box-shadow:4px 4px  
4px 4px #012D6E; box-shadow:4px 4px 4px  
4px #012D6E }
```

# Background

The CSS property to change the background color of an element to Decimal 77166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012D6E }
```

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

```
.background{ background-color:#012D6E }
```

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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