

Converting Colors

Decimal(77401)

Have a look what the booklet for
Decimal(77401) contains.

Decimal(77401)	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>	29

Color

Decimal(77401)

Conversions

Conversions Part 1

Format	Color
Hex	012E59
RGB	1, 46, 89
RGB Percent	0%, 18%, 35%
CMY	0.9961, 0.8196, 0.6510
CMYK	0.99, 0.48, 0.00, 0.65
HSL	209°, 98%, 18%
HSV	209°, 99%, 35%
XYZ	2.7927, 2.6817, 9.8216
YIQ	37.4470, -40.6230, 3.8330

Conversions

Conversions Part 2

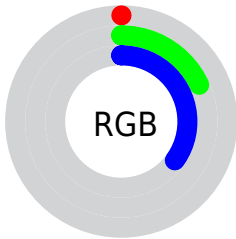
Format	Color
R_{YB}	1, 31, 89
Decimal	77401
CIE _{Lab}	18.72, 4.63, -29.83
CIE _{LCh}	19, 30.188, 278.817
Yxy	2.6817, 0.1826, 0.1753
Android (android.graphics.Color)	4278267481 (0xFF012E59)
YUV	37.4470, 25.4156, -31.9640
Hunter-Lab	16.3759, 1.7828, -24.0966

Details

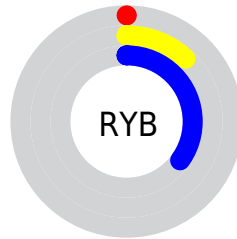
The Decimal color **77401** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5843969**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **4217739**, and **811** is the 20% darker color. If you saturate the color by 10%, you get **11865**, and if you desaturate by 10%, it is **668249**.

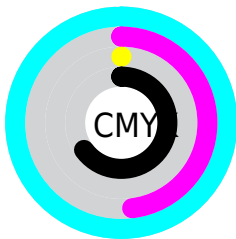
Distribution



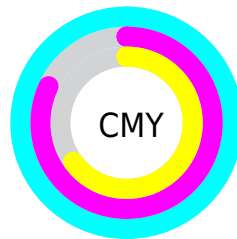
- Red (0%)
- Green (18%)
- Blue (35%)



- Red (0%)
- Yellow (12%)
- Blue (35%)



- Cyan (99%)
- Magenta (48%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 77401 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 77401 by changing the saturation by 10% instead.

■ 77401 ■ 77401

16777215 ■ 6721

■ 4217739 ■ 811

■ 5928102 ■ 277

■ 7704001 ■ 0

■ 9480157

■ 11256826

■ 13098751

■ 15006719

■ 77401 ■ 77401

■ 11865

■ 668249

■ 1259353

■ 1850201

■ 2441049

■ 2966617

■ 3557465

■ 4148313

■ 4739417

■ 5330265

Harmonies

Analogous

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



13398



77401



3548496

Triad

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



77401



5315859



14109

Complementary

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



77401



5843969

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.



1782790



77401



4531968

Square

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



77401



5576488



3354368



14388

Rectangle

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



77401



4660805



3354368



13846

Sweetspot

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



77401



5268083



88364



2502715



12237498



3881787

Same Dimension

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



77401



15219



66137



2566443



14187



30955

Inverse Universe

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



5833006



7536699



5855233



2828073



7012407



15401080

Previews

White Background



This preview shows how the Decimal color 77401 looks on a white background.

Color Contrast Check

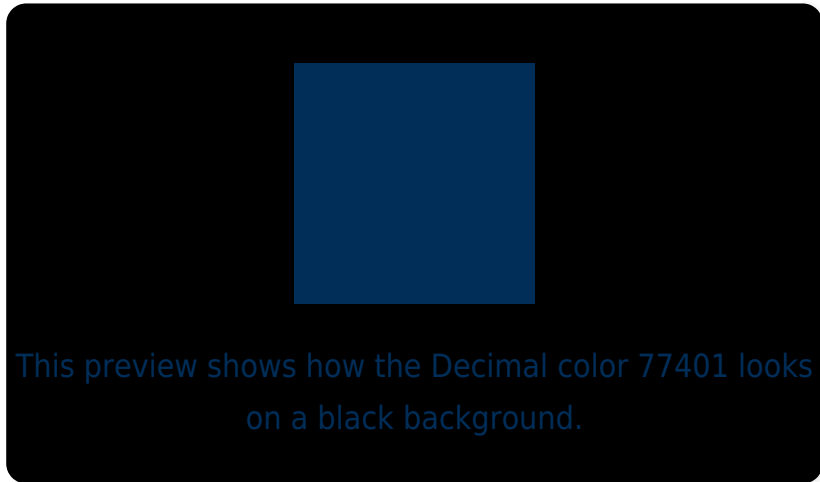
Large Text (above 18pt) WCAG AA ✓ Pass

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

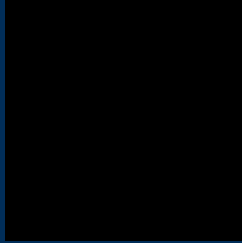
Any Text WCAG AA × Fail

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 77401 Background



This preview shows how black text looks on a background with the Decimal color 77401.



This preview shows how white text looks on a background with the Decimal color 77401.

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


77401

Protanopia

1518936

Deuteranopia

12115



Tritanopia
13367

Trichromacy



Original Color
77401

Protanomaly
994648

Deuteranomaly
12117

Tritanomaly
12867

Monochromacy



Original Color
77401

Achromatopsia
2434341

Achromatomaly
1583160

CSS Examples

Text

The CSS property to change the color of the text to Decimal 77401 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 #012E59 looks like.

```
.text, #text, p{  
    color:#012E59  
}
```

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 #012E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012E59
}
```

Border

The CSS property to change the border of an element to Decimal 77401 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
#012E59 }
```

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

```
.border{ border-color:#012E59 }
```

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

Here you see how a box with a 4 pixel #012E59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012E59; -webkit-box-shadow:4px 4px  
4px 4px #012E59; box-shadow:4px 4px 4px  
4px #012E59 }
```

Background

The CSS property to change the background color of an element to Decimal 77401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012E59 }
```

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

```
.background{ background-color:#012E59 }
```

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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