

Converting Colors

Decimal(76406)

Have a look what the booklet for
Decimal(76406) contains.

Decimal(76406)	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(76406)

Conversions

Conversions Part 1

Format	Color
Hex	012A76
RGB	1, 42, 118
RGB Percent	0%, 16%, 46%
CMY	0.9961, 0.8353, 0.5373
CMYK	0.99, 0.64, 0.00, 0.54
HSL	219°, 98%, 23%
HSV	219°, 99%, 46%
XYZ	4.1105, 2.9704, 17.4962
YIQ	38.4050, -48.8320, 14.9440

Conversions

Conversions Part 2

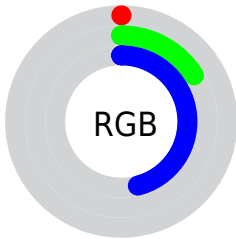
Format	Color
R_{YB}	1, 31, 118
Decimal	76406
CIE _{Lab}	19.92, 20.66, -46.79
CIE _{LCh}	20, 51.149, 293.818
Yxy	2.9704, 0.1672, 0.1209
Android (android.graphics.Color)	4278266486 (0xFF012A76)
YUV	38.4050, 39.2403, -32.8042
Hunter-Lab	17.2348, 12.4113, -48.1250

Details

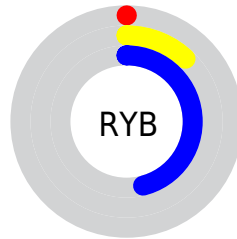
The Decimal color **76406** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7752961**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **4937643**, and **69** is the 20% darker color. If you saturate the color by 10%, you get **10614**, and if you desaturate by 10%, it is **864886**.

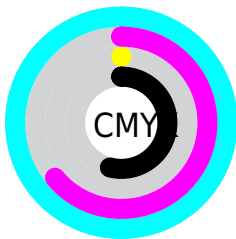
Distribution



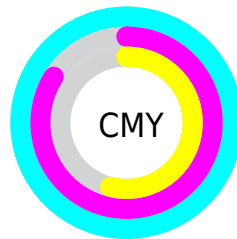
- Red (0%)
- Green (16%)
- Blue (46%)



- Red (0%)
- Yellow (12%)
- Blue (46%)



- Cyan (99%)
- Magenta (64%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (84%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 76406 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 76406 by changing the saturation by 10% instead.

■ 76406

■ 76406

16777215

■ 5725

■ 4937643

■ 69

■ 6778823

■ 813

■ 8620259

■ 280

■ 10461951

■ 0

■ 12304127

■ 14211583

■ 16185087

■ 76406

■ 76406

■ 10614

■ 864886

■ 1653110

■ 2376054

■ 3164534

■ 3952758

■ 4741238

■ 5529718

■ 6252406

■ 7040886

Harmonies

Analogous

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



14460



76406



5443165

Triad

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



76406



6100992



15911

Complementary

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



76406



7752961

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.



15360



76406



4402176

Square

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



76406



7143445



2045696



16206

Rectangle

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



76406



6684742



2045696



15898

Sweetspot

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



76406



7043993



95819



3226445



13421772



5066061

Same Dimension

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



76406



13977



1114486



3487547



11130



22778

Inverse Universe

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



7733546



10027062



6714881



3880247



7995435



16384088

Previews

White Background



This preview shows how the Decimal color 76406 looks on a white background.

Color Contrast Check

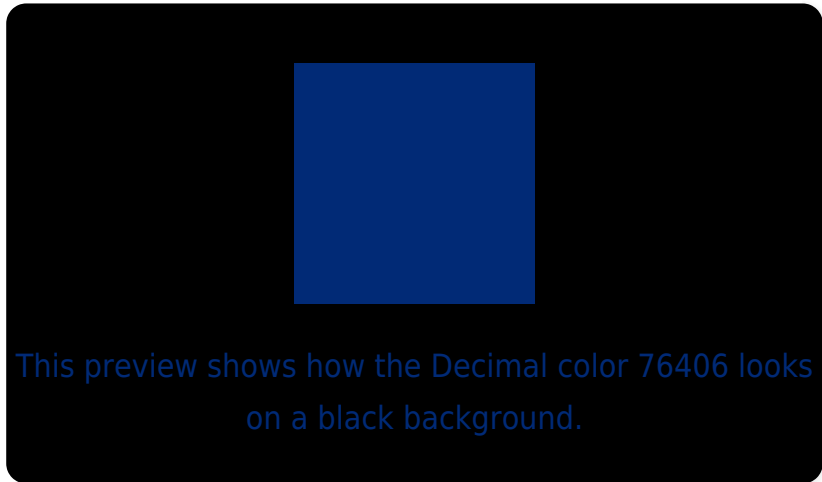
Large Text (above 18pt) WCAG AA ✓ Pass

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

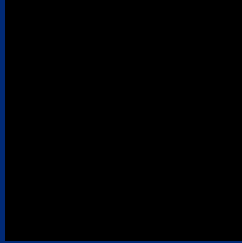
Any Text WCAG AA × Fail

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 76406 Background



This preview shows how black text looks on a background with the Decimal color 76406.



This preview shows how white text looks on a background with the Decimal color 76406.

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

76406

Protanopia

12132

Deuteranopia

12885



Tritanopia
14138

Trichromacy



Original Color

76406

Protanomaly

11627

Deuteranomaly

12129

Tritanomaly

12880

Monochromacy



Original Color

76406

Achromatopsia

2500134

Achromatomaly

1648451

CSS Examples

Text

The CSS property to change the color of the text to Decimal 76406 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 #012A76 looks like.

```
.text, #text, p{  
    color:#012A76  
}
```

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 #012A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012A76
}
```

Border

The CSS property to change the border of an element to Decimal 76406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

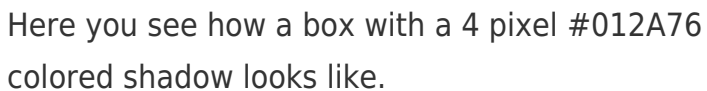
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#012A76 }
```

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

```
.border{ border-color:#012A76 }
```

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



Here you see how a box with a 4 pixel #012A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012A76; -webkit-box-shadow:4px 4px  
4px 4px #012A76; box-shadow:4px 4px 4px  
4px #012A76 }
```

Background

The CSS property to change the background color of an element to Decimal 76406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012A76 }
```

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

```
.background{ background-color:#012A76 }
```

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