

Converting Colors

Hex(07276C)

Have a look what the booklet for
Hex(07276C) contains.

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Color

Hex(07276C)

Conversions

Conversions Part 1

Format	Color
Hex	07276C
RGB	7, 39, 108
RGB Percent	3%, 15%, 42%
CMY	0.9725, 0.8471, 0.5765
CMYK	0.94, 0.64, 0.00, 0.58
HSL	221°, 88%, 23%
HSV	221°, 94%, 42%
XYZ	3.5199, 2.5789, 14.4996
YIQ	37.2980, -41.2210, 14.6750

Conversions

Conversions Part 2

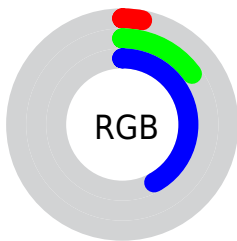
Format	Color
R_YB	7, 31, 108
Decimal	468844
CIE _{Lab}	18.27, 18.94, -43.04
CIE _{LCh}	18, 47.025, 293.748
Yxy	2.5789, 0.1709, 0.1252
Android (android.graphics.Color)	4278658924 (0xFF07276C)
YUV	37.2980, 34.8561, -26.5713
Hunter-Lab	16.0590, 11.0215, -42.2914

Details

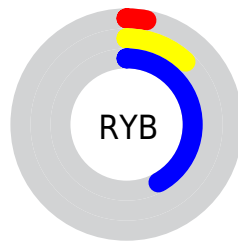
The Hex color **07276C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C4C07**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4A53A0**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **00226C**, and if you desaturate by 10%, it is **122E6C**.

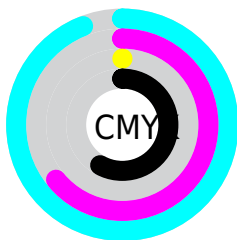
Distribution



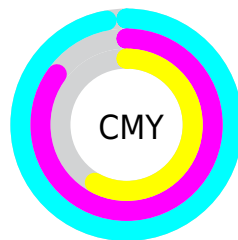
- Red (3%)
- Green (15%)
- Blue (42%)



- Red (3%)
- Yellow (12%)
- Blue (42%)



- Cyan (94%)
- Magenta (64%)
- Yellow (0%)
- Black (58%)



- Cyan (97%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07276C 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 Hex color 07276C by changing the saturation by 10% instead.



07276C



07276C

FFFFFF



001353



4A53A0



00003C



656CBC



000225



8085D8



00010D



9C9FF4



000000



B8BAFF



D5D5FF



F2F2FF



07276C



07276C

■ 00226C

■ 122E6C

■ 1D366C

■ 273D6C

■ 32456C

■ 3D4C6C

■ 48536C

■ 535B6C

■ 5D626C

■ 68696C

Harmonies

Analogous

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



003371



07276C



4D0F55

Triad

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



07276C



561700



003A24

Complementary

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



07276C



6C4C07

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.



003700



07276C



3E2900

Square

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



07276C



640014



1E3300



003A47

Rectangle

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



07276C



5E0040



1E3300



003918

Sweetspot

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



07276C



65718C



076C4A



2F3747



C7C7C7



474747

Same Dimension

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



07276C



002C8C



18076C



303236



002575



004EF5

Inverse Universe

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



6C0727



8C002C



5B6C07



363032



750025



F5004E

Previews

White Background



This preview shows how the Hex color 07276C looks on a white background.

Color Contrast Check

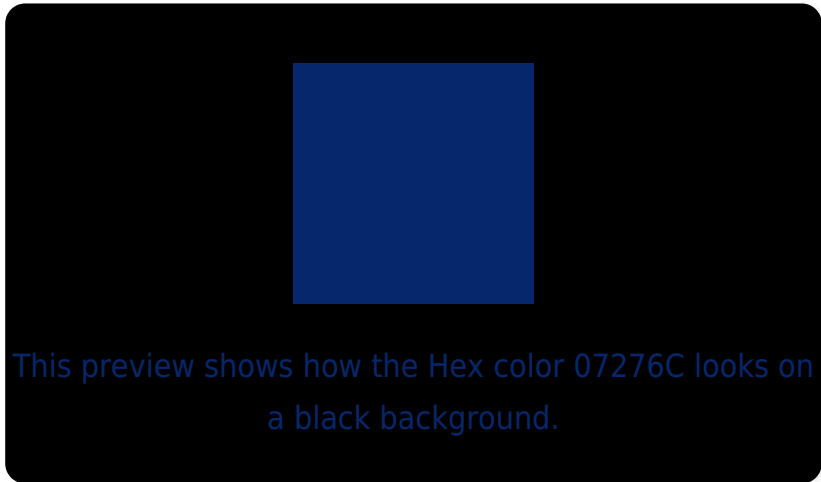
Large Text (above 18pt) WCAG AA ✓ Pass

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

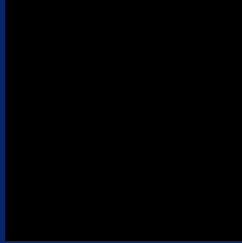
Any Text WCAG AA × Fail

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](#).

Hex 07276C Background



This preview shows how black text looks on a background with the Hex color 07276C.



This preview shows how white text looks on a background with the Hex color 07276C.

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
07276C

Deuteranopia
002F4F

Tritanopia
003235

Trichromacy



Original Color
07276C

Deuteranomaly
032C5A

Tritanomaly
032E49

Monochromacy



Original Color
07276C

Achromatopsia
252525

Achromatomaly
1A263F

CSS Examples

Text

The CSS property to change the color of the text to Hex 07276C 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 #07276C looks like.

```
.text, #text, p{  
    color:#07276C  
}
```

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 #07276C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07276C
}
```

Border

The CSS property to change the border of an element to Hex 07276C 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
#07276C }
```

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

```
.border{ border-color:#07276C }
```

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

Here you see how a box with a 4 pixel #07276C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07276C; -webkit-box-shadow:4px 4px  
4px 4px #07276C; box-shadow:4px 4px 4px  
4px #07276C }
```

Background

The CSS property to change the background color of an element to Hex 07276C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07276C }
```

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

```
.background{ background-color:#07276C }
```

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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