

Converting Colors

Hex(16396D)

Have a look what the booklet for
Hex(16396D) contains.

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Color

Hex(16396D)

Conversions

Conversions Part 1

Format	Color
Hex	16396D
RGB	22, 57, 109
RGB Percent	9%, 22%, 43%
CMY	0.9137, 0.7765, 0.5725
CMYK	0.80, 0.48, 0.00, 0.57
HSL	216°, 66%, 26%
HSV	216°, 80%, 43%
XYZ	4.5543, 4.2010, 15.0388
YIQ	52.4630, -37.5520, 8.7520

Conversions

Conversions Part 2

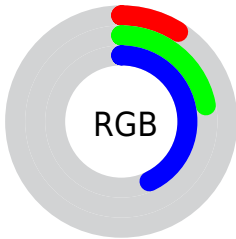
Format	Color
R_{YB}	22, 47, 109
Decimal	1456493
CIE _{Lab}	24.32, 7.79, -33.86
CIE _{LCh}	24, 34.742, 282.961
Yxy	4.2010, 0.1914, 0.1766
Android (android.graphics.Color)	4279646573 (0xFF16396D)
YUV	52.4630, 27.8727, -26.7161
Hunter-Lab	20.4962, 3.7948, -29.1559

Details

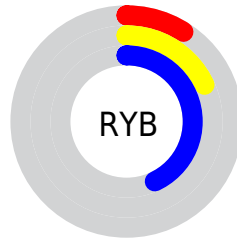
The Hex color **16396D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D4A16**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5068A1**, and **000E3D** is the 20% darker color. If you saturate the color by 10%, you get **0B326D**, and if you desaturate by 10%, it is **21406D**.

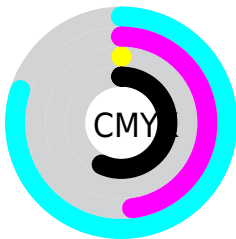
Distribution



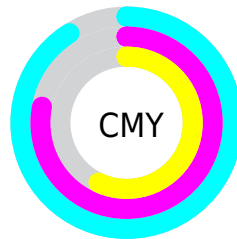
- Red (9%)
- Green (22%)
- Blue (43%)



- Red (9%)
- Yellow (18%)
- Blue (43%)



- Cyan (80%)
- Magenta (48%)
- Yellow (0%)
- Black (57%)



- Cyan (91%)
- Magenta (78%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16396D 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 16396D by changing the saturation by 10% instead.

■ 16396D

■ 16396D

FFFFFF

■ 002454

■ 5068A1

■ 000E3D

■ 6A80BC

■ 000326

■ 859AD8

■ 000110

■ A1B5F5

■ 000000

■ BDD1FF

■ D9EDFF

■ F6FFFF

■ 16396D

■ 16396D

■ 0B326D

■ 21406D

■ 002C6D

■ 2C466D

■ 374D6D

■ 42536D

■ 4C5A6D

■ 57606D

■ 62676D

■ 6D6D6D

■ 78746D

Harmonies

Analogous

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



00416C



16396D



492E60

Triad

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



16396D



632817



00452A

Complementary

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



16396D



6D4A16

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.



1E4210



16396D



533302

Square

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



16396D



692030



3C3C00



004645

Rectangle

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



16396D



5B2652



3C3C00



004421

Sweetspot

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



16396D



6D7A8F



166D49



333B47



C7C7C7



474747

Same Dimension

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



16396D



063D8F



1D166D



303236



002F75



0062F5

Inverse Universe

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



6D1639



8F063D



666D16



363032



75002F



F50062

Previews

White Background



This preview shows how the Hex color 16396D looks on a white background.

Color Contrast Check

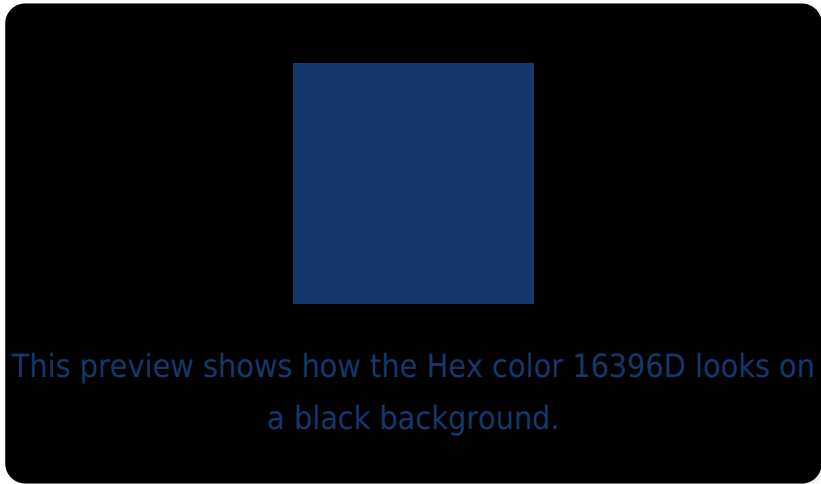
Large Text (above 18pt) WCAG AA ✓ Pass

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 16396D Background



This preview shows how black text looks on a background with the Hex color 16396D.



This preview shows how white text looks on a background with the Hex color 16396D.

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
16396D

Protanopia
1E386C

Deuteranopia
003B68

Trichromacy



Original Color

16396D

Protanomaly

1B386C

Deuteranomaly

083A6A

Tritanomaly

083D54

Monochromacy



Original Color

16396D

Achromatopsia

343434

Achromatomaly

293649

CSS Examples

Text

The CSS property to change the color of the text to Hex 16396D 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 #16396D looks like.

```
.text, #text, p{  
    color:#16396D  
}
```

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 #16396D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16396D
}
```

Border

The CSS property to change the border of an element to Hex 16396D 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".

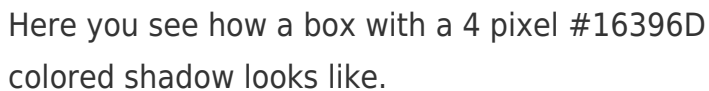
```
.border, #border, table{ border:4px solid
#16396D }
```

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

```
.border{ border-color:#16396D }
```

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

Here you see how a box with a 4 pixel #16396D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16396D; -webkit-box-shadow:4px 4px  
4px 4px #16396D; box-shadow:4px 4px 4px  
4px #16396D }
```

Background

The CSS property to change the background color of an element to Hex 16396D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16396D }
```

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

```
.background{ background-color:#16396D }
```

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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