

Converting Colors

Hex(16386B)

Have a look what the booklet for
Hex(16386B) contains.

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Color

Hex(16386B)

Conversions

Conversions Part 1

Format	Color
Hex	16386B
RGB	22, 56, 107
RGB Percent	9%, 22%, 42%
CMY	0.9137, 0.7804, 0.5804
CMYK	0.79, 0.48, 0.00, 0.58
HSL	216°, 66%, 25%
HSV	216°, 79%, 42%
XYZ	4.3989, 4.0605, 14.4618
YIQ	51.6480, -36.6350, 8.6530

Conversions

Conversions Part 2

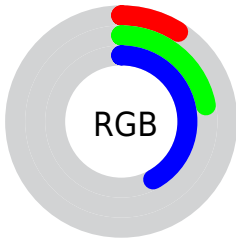
Format	Color
R_{YB}	22, 46, 107
Decimal	1456235
CIE Lab	23.87, 7.66, -33.30
CIE LCh	24, 34.171, 282.957
Yxy	4.0605, 0.1919, 0.1771
Android (android.graphics.Color)	4279646315 (0xFF16386B)
YUV	51.6480, 27.2885, -26.0013
Hunter-Lab	20.1506, 3.7032, -28.4463

Details

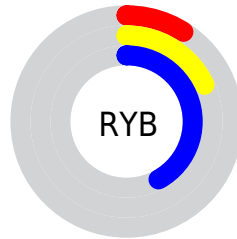
The Hex color **16386B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6B4916**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **4F669F**, and **000D3B** is the 20% darker color. If you saturate the color by 10%, you get **0B326B**, and if you desaturate by 10%, it is **213E6B**.

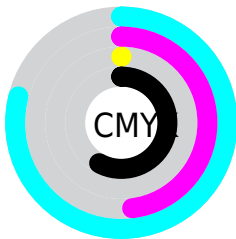
Distribution



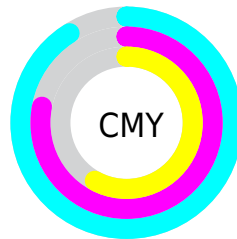
- Red (9%)
- Green (22%)
- Blue (42%)



- Red (9%)
- Yellow (18%)
- Blue (42%)



- Cyan (79%)
- Magenta (48%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (78%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16386B 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 16386B by changing the saturation by 10% instead.

■ 16386B

■ 16386B

FFFFFF

■ 002352

■ 4F669F

■ 000D3B

■ 6A7FBA

■ 000225

■ 8599D6

■ 00010D

■ A0B4F2

■ 000000

■ BCCFFF

■ D8ECFF

■ F6FFFF

■ 16386B

■ 16386B

■ 0B326B

■ 213E6B

■ 012B6B

■ 2B456B

■ 002B6B

■ 364B6B

■ 41526B

■ 4C586B

■ 565F6B

■ 61656B

■ 6C6B6B

■ 76726B

Harmonies

Analogous

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



00406A



16386B



482D5F

Triad

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



16386B



612717



004429

Complementary

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



16386B



6B4916

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.



1E4110



16386B



513202

Square

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



16386B



671F2F



3B3B00



004544

Rectangle

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



16386B



592551



3B3B00



004320

Sweetspot

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



16386B



6B788C



166B49



333B47



C7C7C7



474747

Same Dimension

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



16386B



073C8C



1E166B



303236



002F75



0062F5

Inverse Universe

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



6B1638



8C073C



636B16



363032



75002F



F50062

Previews

White Background



This preview shows how the Hex color 16386B looks on a white background.

Color Contrast Check

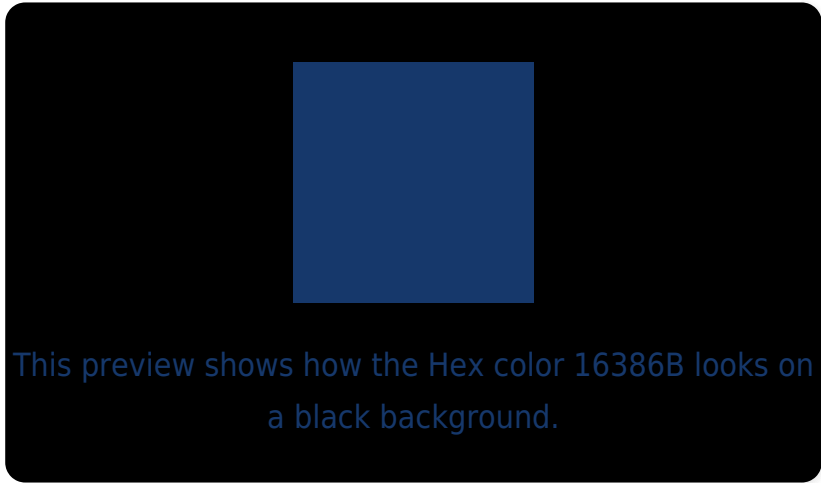
Large Text (above 18pt) WCAG AA ✓ Pass

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

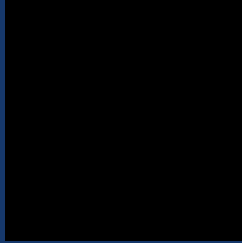
Any Text WCAG AA × Fail

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 16386B Background



This preview shows how black text looks on a background with the Hex color 16386B.



This preview shows how white text looks on a background with the Hex color 16386B.

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
16386B

Protanopia
1E376A

Deuteranopia
003A66



Tritanopia
003F44

Trichromacy



Original Color
16386B

Protanomaly
1B376A

Deuteranomaly
083968

Tritanomaly
083C52

Monochromacy



Original Color
16386B

Achromatopsia
343434

Achromatomaly
293548

CSS Examples

Text

The CSS property to change the color of the text to Hex 16386B 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 #16386B looks like.

```
.text, #text, p{  
    color:#16386B  
}
```

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 #16386B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16386B
}
```

Border

The CSS property to change the border of an element to Hex 16386B 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
#16386B }
```

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

```
.border{ border-color:#16386B }
```

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

Here you see how a box with a 4 pixel #16386B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16386B; -webkit-box-shadow:4px 4px  
4px 4px #16386B; box-shadow:4px 4px 4px  
4px #16386B }
```

Background

The CSS property to change the background color of an element to Hex 16386B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16386B }
```

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

```
.background{ background-color:#16386B }
```

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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