

Converting Colors

Hex(16366B)

Have a look what the booklet for
Hex(16366B) contains.

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Color

Hex(16366B)

Conversions

Conversions Part 1

Format	Color
Hex	16366B
RGB	22, 54, 107
RGB Percent	9%, 21%, 42%
CMY	0.9137, 0.7882, 0.5804
CMYK	0.79, 0.50, 0.00, 0.58
HSL	217°, 66%, 25%
HSV	217°, 79%, 42%
XYZ	4.3039, 3.8704, 14.4301
YIQ	50.4740, -36.0850, 9.6990

Conversions

Conversions Part 2

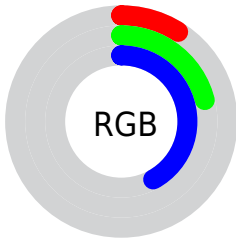
Format	Color
R _Y B	22, 45, 107
Decimal	1455723
CIE Lab	23.24, 9.08, -34.32
CIE LCh	23, 35.498, 284.827
Yxy	3.8704, 0.1904, 0.1712
Android (android.graphics.Color)	4279645803 (0xFF16366B)
YUV	50.4740, 27.8673, -24.9717
Hunter-Lab	19.6734, 4.6213, -29.7168

Details

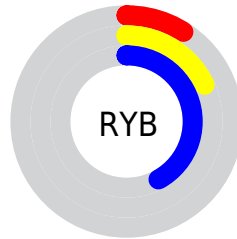
The Hex color **16366B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6B4B16**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4F649F**, and **000A3B** is the 20% darker color. If you saturate the color by 10%, you get **0B2F6B**, and if you desaturate by 10%, it is **213D6B**.

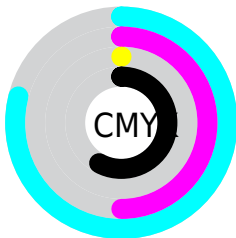
Distribution



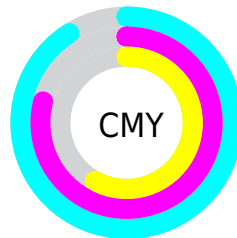
- Red (9%)
- Green (21%)
- Blue (42%)



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



- Cyan (79%)
- Magenta (50%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (79%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16366B 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 16366B by changing the saturation by 10% instead.

■ 16366B

■ 16366B

FFFFFF

■ 002152

■ 4F649F

■ 000A3B

■ 6A7DBA

■ 000225

■ 8597D6

■ 00010D

■ A0B1F2

■ 000000

■ BCCDFE

■ D9E9FF

■ F6FFFF

■ 16366B

■ 16366B

■ 0B2F6B

■ 213D6B

■ 01296B

■ 2B436B

■ 00286B

■ 364A6B

■ 41516B

■ 4C576B

■ 565E6B

■ 61656B

■ 6C6B6B

■ 76726B

Harmonies

Analogous

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



003E6B



16366B



492A5D

Triad

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



16366B



602613



004329

Complementary

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



16366B



6B4B16

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.



18400E



16366B



4F3100

Square

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



16366B



671C2B



383A00



004444

Rectangle

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



16366B



5A224E



383A00



004220

Sweetspot

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



16366B



6B778C



166B4A



333A47



C7C7C7



474747

Same Dimension

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



16366B



07398C



20166B



303236



002C75



005CF5

Inverse Universe

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



6B1636



8C0739



616B16



363032



75002C



F5005C

Previews

White Background



This preview shows how the Hex color 16366B looks on a white background.

Color Contrast Check

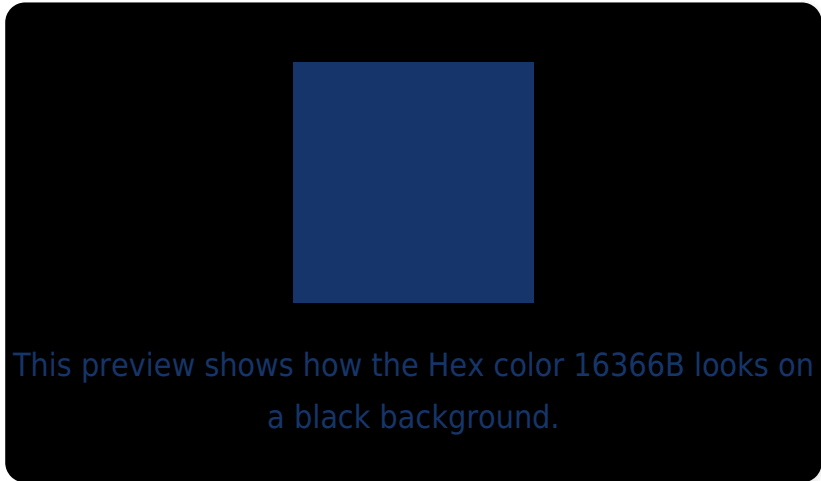
Large Text (above 18pt) WCAG AA ✓ Pass

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

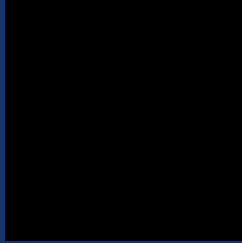
Any Text WCAG AA × Fail

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 16366B Background



This preview shows how black text looks on a background with the Hex color 16366B.



This preview shows how white text looks on a background with the Hex color 16366B.

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
16366B

Protanopia
19366B

Deuteranopia
003963



Tritanopia
003E42

Trichromacy



Original Color
16366B

Protanomaly
18366B

Deuteranomaly
083866

Tritanomaly
083B51

Monochromacy



Original Color
16366B

Achromatopsia
323232

Achromatomaly
283347

CSS Examples

Text

The CSS property to change the color of the text to Hex 16366B 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 #16366B looks like.

```
.text, #text, p{  
    color:#16366B  
}
```

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 #16366B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16366B
}
```

Border

The CSS property to change the border of an element to Hex 16366B 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
#16366B }
```

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

```
.border{ border-color:#16366B }
```

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

Here you see how a box with a 4 pixel #16366B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16366B; -webkit-box-shadow:4px 4px  
4px 4px #16366B; box-shadow:4px 4px 4px  
4px #16366B }
```

Background

The CSS property to change the background color of an element to Hex 16366B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16366B }
```

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

```
.background{ background-color:#16366B }
```

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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