

Converting Colors

Hex(16316D)

Have a look what the booklet for
Hex(16316D) contains.

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Color

Hex(16316D)

Conversions

Conversions Part 1

Format	Color
Hex	16316D
RGB	22, 49, 109
RGB Percent	9%, 19%, 43%
CMY	0.9137, 0.8078, 0.5725
CMYK	0.80, 0.55, 0.00, 0.57
HSL	221°, 66%, 26%
HSV	221°, 80%, 43%
XYZ	4.1895, 3.4713, 14.9172
YIQ	47.7670, -35.3520, 12.9360

Conversions

Conversions Part 2

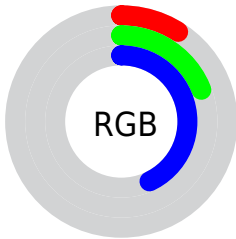
Format	Color
R_{YB}	22, 43, 109
Decimal	1454445
CIE _{Lab}	21.84, 13.52, -37.86
CIE _{LCh}	22, 40.202, 289.647
Yxy	3.4713, 0.1856, 0.1537
Android (android.graphics.Color)	4279644525 (0xFF16316D)
YUV	47.7670, 30.1879, -22.5977
Hunter-Lab	18.6315, 7.5327, -34.4282

Details

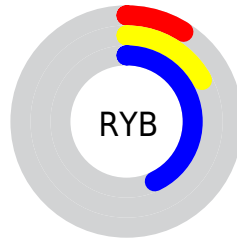
The Hex color **16316D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D5216**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **505FA1**, and **00023D** is the 20% darker color. If you saturate the color by 10%, you get **0B296D**, and if you desaturate by 10%, it is **21396D**.

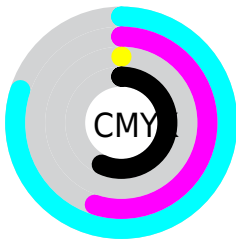
Distribution



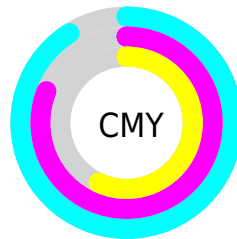
- Red (9%)
- Green (19%)
- Blue (43%)



- Red (9%)
- Yellow (17%)
- Blue (43%)



- Cyan (80%)
- Magenta (55%)
- Yellow (0%)
- Black (57%)



- Cyan (91%)
- Magenta (81%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16316D 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 16316D by changing the saturation by 10% instead.

■ 16316D

■ 16316D

FFFFFF

■ 001D54

■ 505FA1

■ 00023D

■ 6B77BC

■ 000326

■ 8691D8

■ 00010F

■ A1ABF5

■ 000000

■ BDC6FF

■ DAE2FF

■ F7FFFF

■ 16316D

■ 16316D

■ 0B296D

■ 21396D

■ 00226D

■ 2C406D

■ 37486D

■ 424F6D

■ 4C576D

■ 575E6D

■ 62666D

■ 6D6D6D

■ 78756D

Harmonies

Analogous

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



003B6F



16316D



4D225B

Triad

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



16316D



5E2103



004129

Complementary

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



16316D



6D5216

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.



003E08



16316D



4A2F00

Square

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



16316D



681222



303900



004148

Rectangle

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



16316D



5E164A



303900



00401E

Sweetspot

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



16316D



6D778F



166D51



333947



C7C7C7



474747

Same Dimension

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



16316D



06308F



26166D



303236



002475



004CF5

Inverse Universe

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



6D1631



8F0630



5D6D16



363032



750024



F5004C

Previews

White Background



This preview shows how the Hex color 16316D looks on a white background.

Color Contrast Check

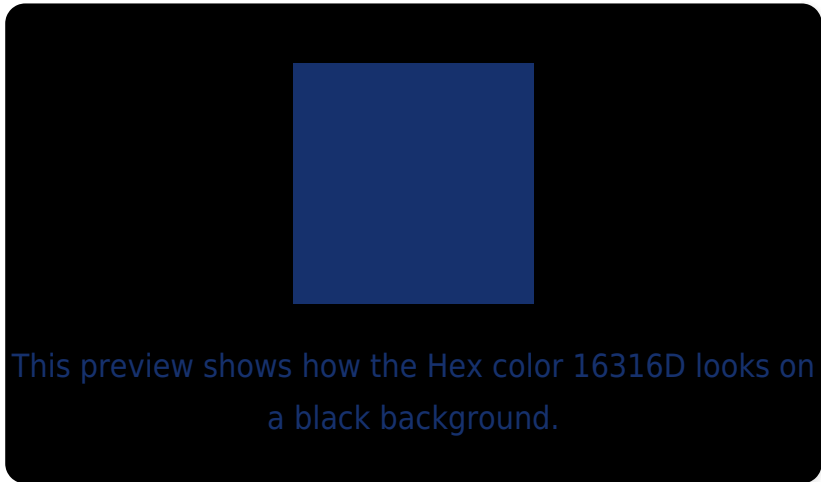
Large Text (above 18pt) WCAG AA ✓ Pass

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

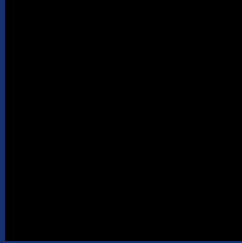
Any Text WCAG AA × Fail

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 16316D Background



This preview shows how black text looks on a background with the Hex color 16316D.



This preview shows how white text looks on a background with the Hex color 16316D.

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
16316D

Protanopia
00336C

Deuteranopia
00365D

Trichromacy



Original Color
16316D

Protanomaly
08326C

Deuteranomaly
083463

Monochromacy



Original Color
16316D

Achromatopsia
303030

Achromatomaly
273046

CSS Examples

Text

The CSS property to change the color of the text to Hex 16316D 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 #16316D looks like.

```
.text, #text, p{  
    color:#16316D  
}
```

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 #16316D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16316D
}
```

Border

The CSS property to change the border of an element to Hex 16316D 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
#16316D }
```

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

```
.border{ border-color:#16316D }
```

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

Here you see how a box with a 4 pixel #16316D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16316D; -webkit-box-shadow:4px 4px  
4px 4px #16316D; box-shadow:4px 4px 4px  
4px #16316D }
```

Background

The CSS property to change the background color of an element to Hex 16316D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16316D }
```

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

```
.background{ background-color:#16316D }
```

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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