

Converting Colors

Hex(16032D)

Have a look what the booklet for
Hex(16032D) contains.

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Color

Hex(16032D)

Conversions

Conversions Part 1

Format	Color
Hex	16032D
RGB	22, 3, 45
RGB Percent	9%, 1%, 18%
CMY	0.9137, 0.9882, 0.8235
CMYK	0.51, 0.93, 0.00, 0.82
HSL	267°, 88%, 9%
HSV	267°, 93%, 18%
XYZ	0.8371, 0.4252, 2.5206
YIQ	13.4690, -2.1580, 17.0900

Conversions

Conversions Part 2

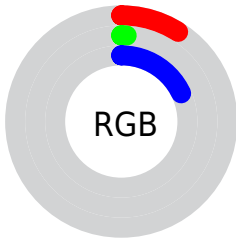
Format	Color
R_{YB}	22, 3, 45
Decimal	1442605
CIE Lab	3.84, 17.74, -22.79
CIE LCh	4, 28.881, 307.890
Yxy	0.4252, 0.2213, 0.1124
Android (android.graphics.Color)	4279632685 (0xFF16032D)
YUV	13.4690, 15.5448, 7.4817
Hunter-Lab	6.5204, 11.5051, -18.3551




Details

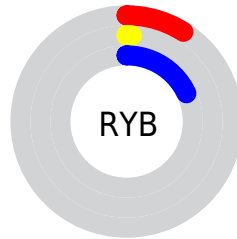
The Hex color **16032D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1A2D03**, and the grayscale version is **0D0D0D**.




A 20% lighter version of the original color is **41315B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **14002D**, and if you desaturate by 10%, it is **18072D**.

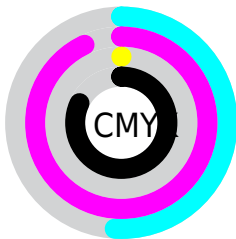
Distribution







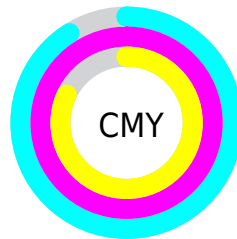
-  Red (9%)
-  Green (1%)
-  Blue (18%)






-  Red (9%)
-  Yellow (1%)
-  Blue (18%)



-  Cyan (51%)
-  Magenta (93%)
-  Yellow (0%)
-  Black (82%)



-  Cyan (91%)
-  Magenta (99%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16032D 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 16032D by changing the saturation by 10% instead.

 16032D

 16032D

 FBE4FF

 000118

 41315B

 000000

 594774

 725F8D

 8C78A8

 A792C3

 C2ACDF

 DEC8FC

 16032D

 16032D

■ 14002D

■ 18072D

■ 1B0C2D

■ 1D102D

■ 20152D

■ 221A2D

■ 251E2D

■ 27232D

■ 2A272D

■ 2C2C2D

Harmonies

Analogous

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



000E35



16032D



29001E

Triad

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



16032D



210500



001614

Complementary

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



16032D



1A2D03

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.



001600



16032D



0B1000

Square

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



16032D



2C0000



001600



001726

Rectangle

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



16032D



2E0011



001600



00160B

Sweetspot

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



16032D



322A3B



031A2D



19141F



9E9E9E



1F1F1F

Same Dimension

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



16032D



1B003B



2B032D



161517



270057



6100D6

Inverse Universe

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



2D031A



3B0020



052D03



171516



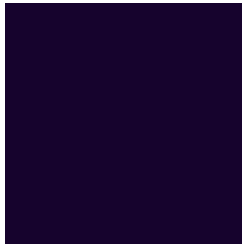
57002F



D60075

Previews

White Background



This preview shows how the Hex color 16032D looks on a white background.

Color Contrast Check

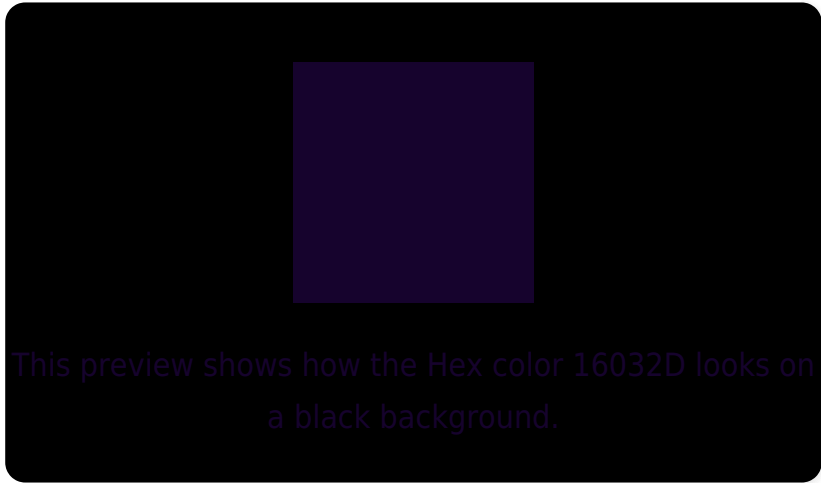
Large Text (above 18pt) WCAG AA ✓ Pass

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

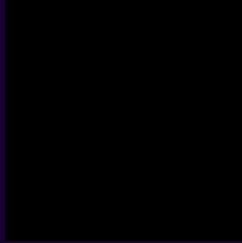
Any Text WCAG AA × Fail

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 16032D Background



This preview shows how black text looks on a background with the Hex color 16032D.



This preview shows how white text looks on a background with the Hex color 16032D.

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
16032D

Protanopia
001123

Deuteranopia
00121E



Tritanopia
0E1213

Trichromacy



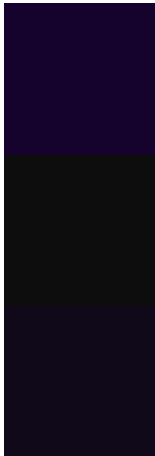
Original Color
16032D

Protanomaly
080C27

Deuteranomaly
080D23

Tritanomaly
110D1C

Monochromacy



Original Color
16032D

Achromatopsia
0D0D0D

Achromatomaly
100919

CSS Examples

Text

The CSS property to change the color of the text to Hex 16032D 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 #16032D looks like.

```
.text, #text, p{  
    color:#16032D  
}
```

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 #16032D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16032D } }
```

Border

The CSS property to change the border of an element to Hex 16032D is called "border". The border property can be set on classes, ids or directly on the HTML element.

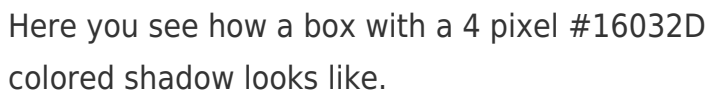
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #16032D } }
```

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

```
.border{ border-color:#16032D }
```

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



Here you see how a box with a 4 pixel #16032D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16032D; -webkit-box-shadow:4px 4px  
4px 4px #16032D; box-shadow:4px 4px 4px  
4px #16032D }
```

Background

The CSS property to change the background color of an element to Hex 16032D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16032D }
```

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

```
.background{ background-color:#16032D }
```

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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