

Converting Colors

Hex(032B49)

Have a look what the booklet for
Hex(032B49) contains.

Hex(032B49)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(032B49)

Conversions

Conversions Part 1

Format	Color
Hex	032B49
RGB	3, 43, 73
RGB Percent	1%, 17%, 29%
CMY	0.9882, 0.8314, 0.7137
CMYK	0.96, 0.41, 0.00, 0.71
HSL	206°, 92%, 15%
HSV	206°, 96%, 29%
XYZ	2.1040, 2.2282, 6.6225
YIQ	34.4600, -33.4700, 0.8500

Conversions

Conversions Part 2

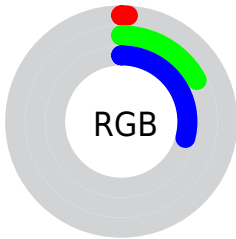
Format	Color
RYB	3, 28, 73
Decimal	207689
CIELab	16.64, -0.31, -22.37
CIELCh	17, 22.377, 269.218
Yxy	2.2282, 0.1921, 0.2034
Android (android.graphics.Color)	4278397769 (0xFF032B49)
YUV	34.4600, 19.0002, -27.5904
Hunter-Lab	14.9270, -0.9619, -15.8557

Details

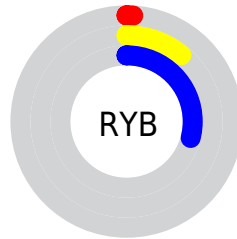
The Hex color **032B49** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **492103**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3C587A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **002A49**, and if you desaturate by 10%, it is **0A2E49**.

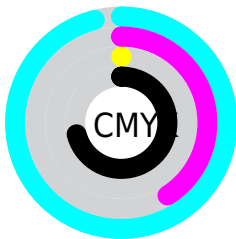
Distribution



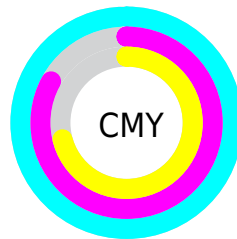
- Red (1%)
- Green (17%)
- Blue (29%)



- Red (1%)
- Yellow (11%)
- Blue (29%)



- Cyan (96%)
- Magenta (41%)
- Yellow (0%)
- Black (71%)



- Cyan (99%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 032B49 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 032B49 by changing the saturation by 10% instead.

032B49

032B49

F9FFFF

001732

3C587A

00021D

557094

000000

6F8AAE

89A4CA

A4BFE6

C0DBFF

DCF7FF

032B49

032B49

■ 002A49

■ 0A2E49

■ 123149

■ 193449

■ 203849

■ 283B49

■ 2F3E49

■ 364149

■ 3D4449

■ 454749

Harmonies

Analogous

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



002F44



032B49



292545

Triad

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



032B49



461D1A



0C3018

Complementary

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



032B49



492103

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.



232D0A



032B49



3F220D

Square

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



032B49



451B2A



332804



003128

Rectangle

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



032B49



37213E



332804



152F13

Sweetspot

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



032B49



43535E



034920



1F2930



B0B0B0



303030

Same Dimension

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



032B49



00365E



030949



202224



003963



0082E3

Inverse Universe

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



49032B



5E0036



494303



242022



630039



E30082

Previews

White Background



This preview shows how the Hex color 032B49 looks on a white background.

Color Contrast Check

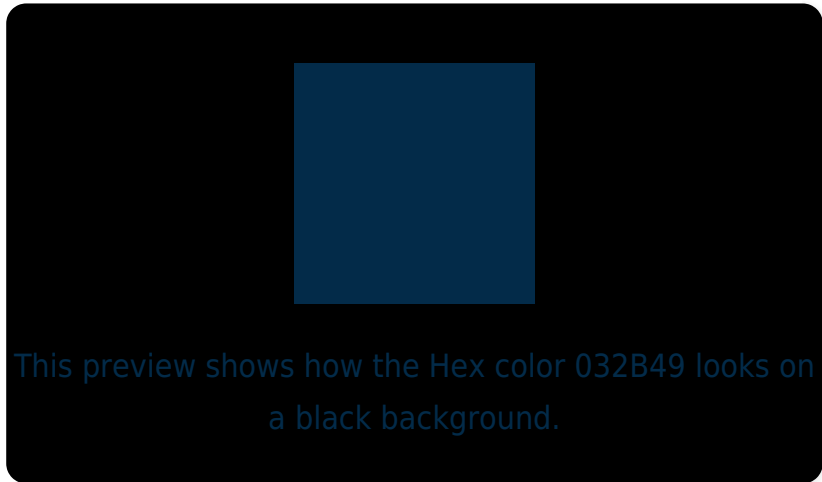
Large Text (above 18pt) WCAG AA ✓ Pass

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

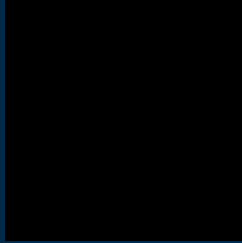
Any Text WCAG AA × Fail

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 032B49 Background



This preview shows how black text looks on a background with the Hex color 032B49.



This preview shows how white text looks on a background with the Hex color 032B49.

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
032B49

Protanopia
1D2947

Deuteranopia
0F2A49

Trichromacy



Original Color
032B49

Protanomaly
142A48

Deuteranomaly
0B2A49

Tritanomaly
012D3A

Monochromacy



Original Color
032B49

Achromatopsia
222222

Achromatomaly
172530

CSS Examples

Text

The CSS property to change the color of the text to Hex 032B49 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 #032B49 looks like.

```
.text, #text, p{  
    color:#032B49  
}
```

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 #032B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #032B49
}
```

Border

The CSS property to change the border of an element to Hex 032B49 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
#032B49 }
```

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

```
.border{ border-color:#032B49 }
```

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

Here you see how a box with a 4 pixel #032B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #032B49; -webkit-box-shadow:4px 4px  
4px 4px #032B49; box-shadow:4px 4px 4px  
4px #032B49 }
```

Background

The CSS property to change the background color of an element to Hex 032B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#032B49 }
```

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

```
.background{ background-color:#032B49 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor