

Converting Colors

Hex(032850)

Have a look what the booklet for
Hex(032850) contains.

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Color

Hex(032850)

Conversions

Conversions Part 1

Format	Color
Hex	032850
RGB	3, 40, 80
RGB Percent	1%, 16%, 31%
CMY	0.9882, 0.8431, 0.6863
CMYK	0.96, 0.50, 0.00, 0.69
HSL	211°, 93%, 16%
HSV	211°, 96%, 31%
XYZ	2.2443, 2.1161, 7.8796
YIQ	33.4970, -34.8920, 4.5960

Conversions

Conversions Part 2

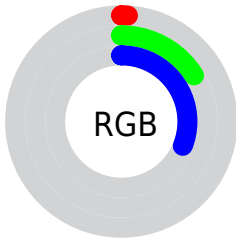
Format	Color
RYB	3, 28, 80
Decimal	206928
CIELab	16.09, 5.15, -28.03
CIELCh	16, 28.494, 280.405
Yxy	2.1161, 0.1834, 0.1729
Android (android.graphics.Color)	4278397008 (0xFF032850)
YUV	33.4970, 22.9260, -26.7459
Hunter-Lab	14.5469, 2.0820, -21.9326

Details

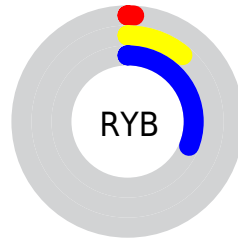
The Hex color **032850** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **502B03**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3E5582**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **002650**, and if you desaturate by 10%, it is **0B2C50**.

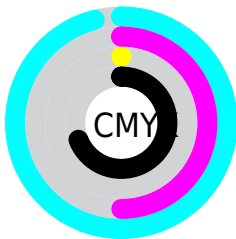
Distribution



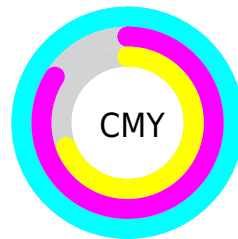
- Red (1%)
- Green (16%)
- Blue (31%)



- Red (1%)
- Yellow (11%)
- Blue (31%)



- Cyan (96%)
- Magenta (50%)
- Yellow (0%)
- Black (69%)



- Cyan (99%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 032850 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 032850 by changing the saturation by 10% instead.

032850

032850

FDFFFF

001439

3E5582

000223

586D9C

00000A

7286B7

000000

8CA0D3

A8BBEF

C4D7FF

E0F3FF

032850

032850

■ 002650

■ 0B2C50

■ 133050

■ 1B3450

■ 233950

■ 2B3D50

■ 334150

■ 3B4550

■ 434950

■ 4B4D50

Harmonies

Analogous

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



002E4E



032850



321F47

Triad

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



032850



48190E



00301A

Complementary

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



032850



502B03

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.



162E03



032850



3D2200

Square

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



032850



4C1322



2C2900



00312F

Rectangle

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



032850



40193C



2C2900



003013

Sweetspot

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



032850



4A5969



03502B



232C36



B5B5B5



363636

Same Dimension

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



032850



003269



040350



252729



0070E8

Inverse Universe

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



500328



690032



4F5003



292527



E80070

Previews

White Background



This preview shows how the Hex color 032850 looks on a white background.

Color Contrast Check

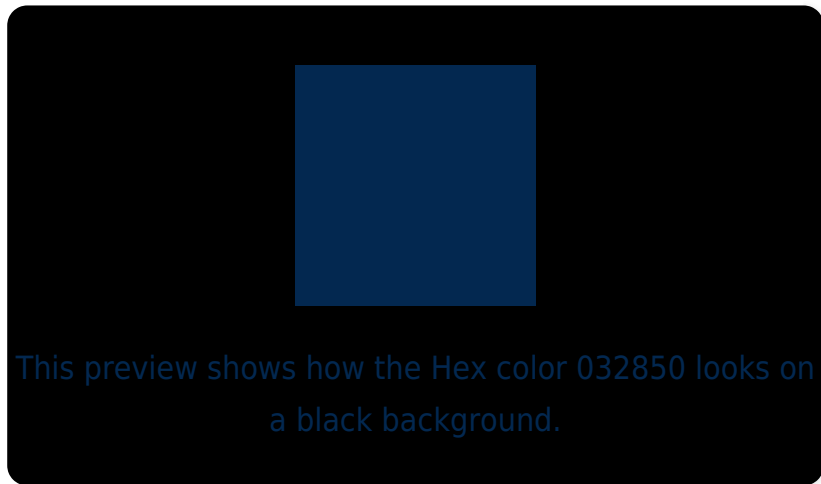
Large Text (above 18pt) WCAG AA ✓ Pass

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

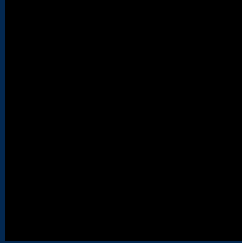
Any Text WCAG AA × Fail

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 032850 Background



This preview shows how black text looks on a background with the Hex color 032850.



This preview shows how white text looks on a background with the Hex color 032850.

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
032850

Protanopia
11274F

Deuteranopia
002A48

Trichromacy



Original Color
032850

Protanomaly
0C274F

Deuteranomaly
01294B

Tritanomaly
012B3C

Monochromacy



Original Color
032850

Achromatopsia
212121

Achromatomaly
162432

CSS Examples

Text

The CSS property to change the color of the text to Hex 032850 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 #032850 looks like.

```
.text, #text, p{  
    color:#032850  
}
```

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 #032850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #032850
}
```

Border

The CSS property to change the border of an element to Hex 032850 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
#032850 }
```

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

```
.border{ border-color:#032850 }
```

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

Here you see how a box with a 4 pixel #032850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #032850; -webkit-box-shadow:4px 4px  
4px 4px #032850; box-shadow:4px 4px 4px  
4px #032850 }
```

Background

The CSS property to change the background color of an element to Hex 032850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#032850 }
```

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

```
.background{ background-color:#032850 }
```

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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