

Converting Colors

Hex(32436C)

Have a look what the booklet for
Hex(32436C) contains.

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Color

Hex(32436C)

Conversions

Conversions Part 1

Format	Color
Hex	32436C
RGB	50, 67, 108
RGB Percent	20%, 26%, 42%
CMY	0.8039, 0.7373, 0.5765
CMYK	0.54, 0.38, 0.00, 0.58
HSL	222°, 37%, 31%
HSV	222°, 54%, 42%
XYZ	6.0293, 5.7751, 14.9843
YIQ	66.5910, -23.2930, 9.1470

Conversions

Conversions Part 2

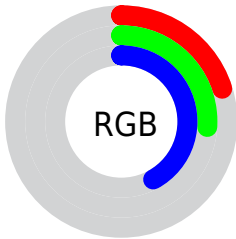
Format	Color
RYB	50, 63, 108
Decimal	3294060
CIELab	28.84, 6.14, -25.95
CIELCh	29, 26.668, 283.318
Yxy	5.7751, 0.2251, 0.2156
Android (android.graphics.Color)	4281484140 (0xFF32436C)
YUV	66.5910, 20.4146, -14.5503
Hunter-Lab	24.0315, 2.7292, -20.1469

Details

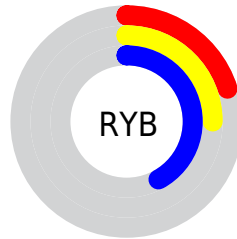
The Hex color **32436C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6C5B32**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6473A0**, and **00193C** is the 20% darker color. If you saturate the color by 10%, you get **273B6C**, and if you desaturate by 10%, it is **3D4B6C**.

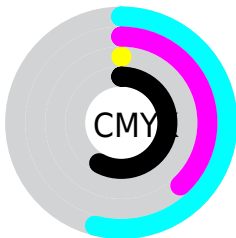
Distribution



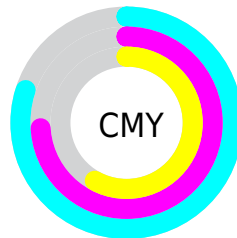
- Red (20%)
- Green (26%)
- Blue (42%)



- Red (20%)
- Yellow (25%)
- Blue (42%)



- Cyan (54%)
- Magenta (38%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (74%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32436C 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 32436C by changing the saturation by 10% instead.

■ 32436C

■ 32436C

FFFFFF

■ 182D54

■ 6473A0

■ 00193C

■ 7E8CBB

■ 000226

■ 99A7D7

■ 00010F

■ B4C2F3

■ 000000

■ D0DDFF

■ EDFAFF

■ 32436C

■ 32436C

■ 273B6C

■ 3D4B6C

■ 1C346C

■ 48526C

■ 122C6C

■ 525A6C

■ 07246C

■ 5D626C

■ 00206C

■ 68696C

■ 73716C

■ 7E786C

■ 88806C

■ 93886C

Harmonies

Analogous

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



00496B



32436C



513B62

Triad

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



32436C



673729



0E4E37

Complementary

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



32436C



6C5B32

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.



304B25



32436C



5A3F1C

Square

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



32436C



6B333C



47461A



004E4D

Rectangle

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



32436C



5F3657



47461A



1D4D31

Sweetspot

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



32436C



767C8C



326C5B



3A3E47



C7C7C7



474747

Same Dimension

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



32436C



324D8C



3E326C



303236



002275



0048F5

Inverse Universe

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



6C3243



8C324D



606C32



363032



750022



F50048

Previews

White Background



This preview shows how the Hex color 32436C looks on a white background.

Color Contrast Check

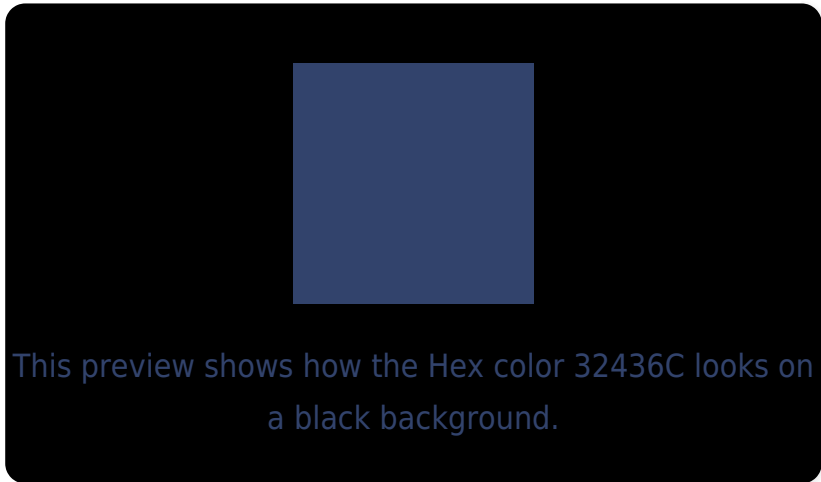
Large Text (above 18pt) WCAG AA ✓ Pass

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

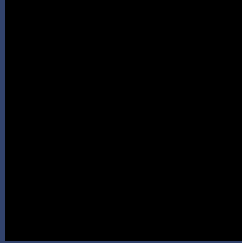
Any Text WCAG AA × Fail

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 32436C Background



This preview shows how black text looks on a background with the Hex color 32436C.



This preview shows how white text looks on a background with the Hex color 32436C.

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
32436C

Protanopia
34436C

Deuteranopia
2E446C



Tritanopia
28494F

Trichromacy



Original Color
32436C

Protanomaly
33436C

Deuteranomaly
2F446C

Tritanomaly
2C475A

Monochromacy



Original Color
32436C

Achromatopsia
434343

Achromatomaly
3D4352

CSS Examples

Text

The CSS property to change the color of the text to Hex 32436C 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 #32436C looks like.

```
.text, #text, p{  
    color:#32436C  
}
```

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 #32436C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32436C
}
```

Border

The CSS property to change the border of an element to Hex 32436C is called "border". The border property can be set on classes, ids or directly on the HTML element.

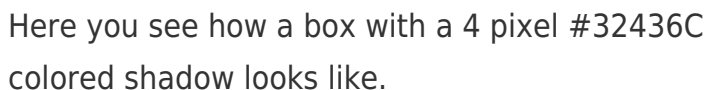
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#32436C }
```

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

```
.border{ border-color:#32436C }
```

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



Here you see how a box with a 4 pixel #32436C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32436C; -webkit-box-shadow:4px 4px  
4px 4px #32436C; box-shadow:4px 4px 4px  
4px #32436C }
```

Background

The CSS property to change the background color of an element to Hex 32436C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32436C }
```

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

```
.background{ background-color:#32436C }
```

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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