

Converting Colors

Hex(32438A)

Have a look what the booklet for
Hex(32438A) contains.

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Color

Hex(32438A)

Conversions

Conversions Part 1

Format	Color
Hex	32438A
RGB	50, 67, 138
RGB Percent	20%, 26%, 54%
CMY	0.8039, 0.7373, 0.4588
CMYK	0.64, 0.51, 0.00, 0.46
HSL	228°, 47%, 37%
HSV	228°, 64%, 54%
XYZ	7.9100, 6.5274, 24.8878
YIQ	70.0110, -32.9230, 18.4770

Conversions

Conversions Part 2

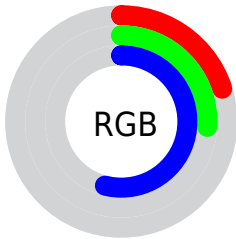
Format	Color
RYB	50, 64, 138
Decimal	3294090
CIELab	30.71, 16.98, -41.76
CIELCh	31, 45.077, 292.128
Yxy	6.5274, 0.2011, 0.1660
Android (android.graphics.Color)	4281484170 (0xFF32438A)
YUV	70.0110, 33.5186, -17.5496
Hunter-Lab	25.5488, 10.5539, -39.8719

Details

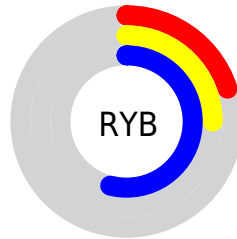
The Hex color **32438A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8A7932**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6973C0**, and **001957** is the 20% darker color. If you saturate the color by 10%, you get **24388A**, and if you desaturate by 10%, it is **404E8A**.

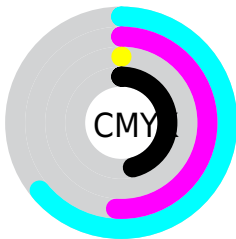
Distribution



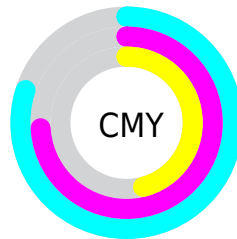
- Red (20%)
- Green (26%)
- Blue (54%)



- Red (20%)
- Yellow (25%)
- Blue (54%)



- Cyan (64%)
- Magenta (51%)
- Yellow (0%)
- Black (46%)



- Cyan (80%)
- Magenta (74%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32438A 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 32438A by changing the saturation by 10% instead.

■ 32438A

■ 32438A

FFFFFF

■ 102D70

■ 6973C0

■ 001957

■ 858CDC

■ 000040

■ A0A6F9

■ 000329

■ BDC2FF

■ 000112

■ D9DDFF

■ 000000

■ F7FAFF

■ 32438A

■ 32438A

■ 24388A

■ 404E8A

■ 162D8A

■ 4E598A

■ 09228A

■ 5B648A

■ 001B8A

■ 69708A

■ 777B8A

■ 85868A

■ 93918A

■ A09C8A

■ AEA78A

Harmonies

Analogous

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



004F8E



32438A



693274

Triad

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



32438A



78340F



00573E

Complementary

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



32438A



8A7932

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.



065419



32438A



604300

Square

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



32438A



852530



3F4E00



005862

Rectangle

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



32438A



7C275F



3F4E00



005731

Sweetspot

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



32438A



9197B3



328A78



454959



D9D9D9



595959

Same Dimension

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



32438A



2944B3



4C328A



3E3F45



001A85



000105

Inverse Universe

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



8A3243



B32944



708A32



453E3F



85001A



050001

Previews

White Background



This preview shows how the Hex color 32438A looks on a white background.

Color Contrast Check

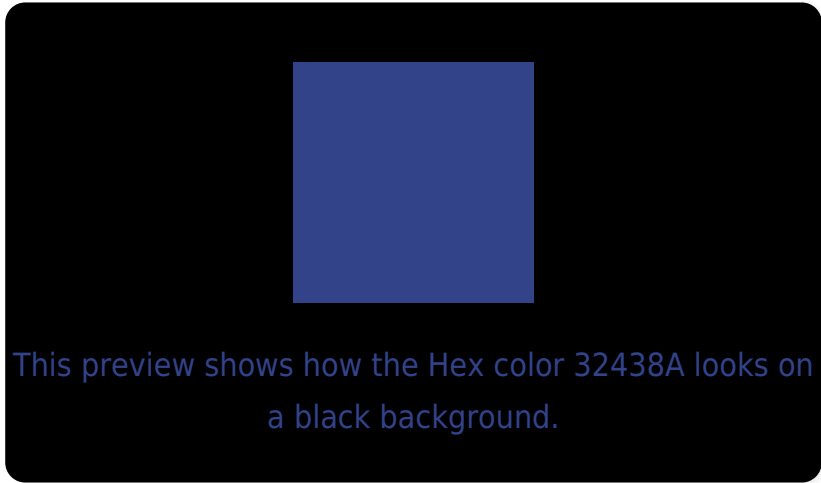
Large Text (above 18pt) WCAG AA ✓ Pass

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

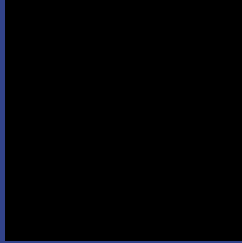
Any Text WCAG AA × Fail

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 32438A Background



This preview shows how black text looks on a background with the Hex color 32438A.




This preview shows how white text looks on a background with the Hex color 32438A.

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





Tritanopia
135056

Trichromacy



Original Color
32438A

Protanomaly
25458C

Deuteranomaly
124784

Tritanomaly
1E4B69

Monochromacy



Original Color
32438A

Achromatopsia
464646

Achromatomaly
3F455F

CSS Examples

Text

The CSS property to change the color of the text to Hex 32438A 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 #32438A looks like.

```
.text, #text, p{  
    color:#32438A  
}
```

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 #32438A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32438A
}
```

Border

The CSS property to change the border of an element to Hex 32438A 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
#32438A }
```

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

```
.border{ border-color:#32438A }
```

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

Here you see how a box with a 4 pixel #32438A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32438A; -webkit-box-shadow:4px 4px  
4px 4px #32438A; box-shadow:4px 4px 4px  
4px #32438A }
```

Background

The CSS property to change the background color of an element to Hex 32438A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32438A }
```

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

```
.background{ background-color:#32438A }
```

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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