

# Converting Colors

Hex(32288E)

Have a look what the booklet for  
Hex(32288E) contains.

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# Color

**Hex(32288E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	32288E
RGB	50, 40, 142
RGB Percent	20%, 16%, 56%
CMY	0.8039, 0.8431, 0.4431
CMYK	0.65, 0.72, 0.00, 0.44
HSL	246°, 56%, 36%
HSV	246°, 72%, 56%
XYZ	6.9567, 4.1487, 26.0253
YIQ	54.6180, -26.7820, 33.8420

# Conversions

## Conversions Part 2

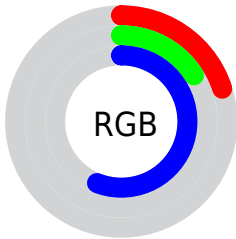
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 40, 142
Decimal	3287182
CIE <sub>Lab</sub>	24.16, 36.06, -54.88
CIE <sub>LCh</sub>	24, 65.670, 303.305
Yxy	4.1487, 0.1874, 0.1117
Android (android.graphics.Color)	4281477262 (0xFF32288E)
YUV	54.6180, 43.0793, -4.0500
Hunter-Lab	20.3683, 25.3209, -61.4990

# Details

The Hex color **32288E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **848E28**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6C57C5**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **251A8E**, and if you desaturate by 10%, it is **3F368E**.

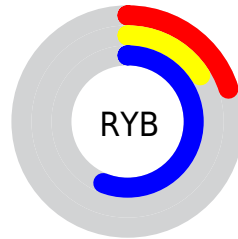
# Distribution



 Red (20%)

 Green (16%)

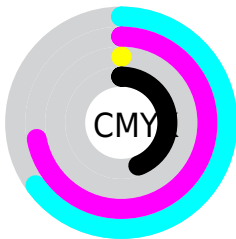
 Blue (56%)




 Red (20%)

 Yellow (16%)

 Blue (56%)

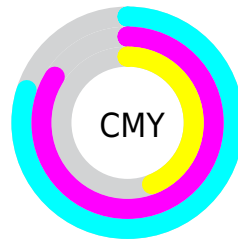


 Cyan (65%)


 Magenta (72%)

 Yellow (0%)

 Black (44%)



 Cyan (80%)

 Magenta (84%)

 Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32288E 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 32288E by changing the saturation by 10% instead.



■ 32288E

■ 32288E

FFFFFF

■ 0A1274

■ 6C57C5

■ 00005B

■ 886FE1

■ 000042

■ A489FE

■ 00032B

■ C1A4FF

■ 000115

■ DEBFFF

■ 000000

■ FCDBFF

■ FFF7FF

■ 32288E

■ 32288E

■ 251A8E

■ 3F368E

■ 180C8E

■ 4C448E

■ 0E008E

■ 58538E

■ 65618E

■ 726F8E

■ 7F7D8E

■ 8C8B8E

■ 989A8E

■ A5A88E

# Harmonies

## Analogous

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



00409F



32288E



750067

# Triad

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



32288E



692300



004B3E

# Complementary

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



32288E



848E28

# 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.



004904



32288E



433A00

# Square

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



32288E



830002



004500



004C6F

# Rectangle

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



32288E



860047



004500



004B2C



# Sweetspot

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



32288E



938FB8



28868E



46445C



DBDBDB



5C5C5C



# Same Dimension

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



32288E



291AB8



63288E



414047



0D0087



010008



# Inverse Universe

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



8E2884



B81AA8



528E28



474047



87007A

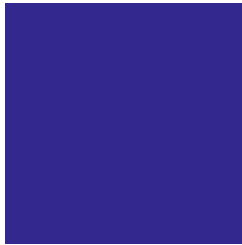


080007



# Previews

## White Background



This preview shows how the Hex color 32288E looks on a white background.

## Color Contrast Check

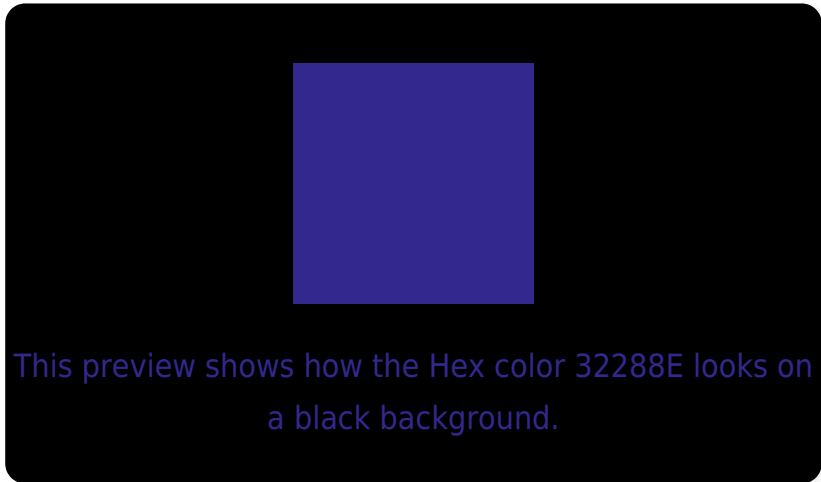
Large Text (above 18pt) WCAG AA ✓ Pass

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

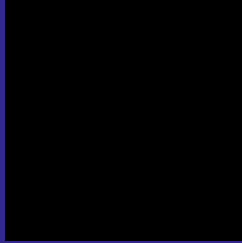
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32288E Background



This preview shows how black text looks on a background with the Hex color 32288E.



This preview shows how white text looks on a background with the Hex color 32288E.

# 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**  
32288E

**Protanopia**  
003875

# Trichromacy



**Original Color**  
32288E



**Protanomaly**  
12327E

# Monochromacy



**Original Color**  
32288E



**Achromatopsia**  
373737



**Achromatomaly**  
353257

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32288E 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 #32288E looks like.

```
.text, #text, p{  
    color:#32288E  
}
```

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 #32288E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32288E
}
```

## Border

The CSS property to change the border of an element to Hex 32288E is called "border". The border property can be set on classes, ids or directly on the HTML element.

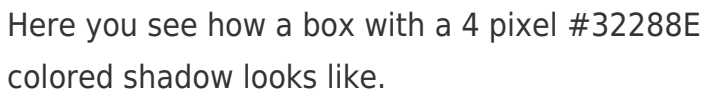
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#32288E }
```

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

```
.border{ border-color:#32288E }
```

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



Here you see how a box with a 4 pixel #32288E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32288E; -webkit-box-shadow:4px 4px  
4px 4px #32288E; box-shadow:4px 4px 4px  
4px #32288E }
```

# Background

The CSS property to change the background color of an element to Hex 32288E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32288E }
```

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

```
.background{ background-color:#32288E }
```

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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