

# Converting Colors

Hex(32007A)

Have a look what the booklet for  
Hex(32007A) contains.

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# Color

**Hex(32007A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32007A
RGB	50, 0, 122
RGB Percent	20%, 0%, 48%
CMY	0.8039, 1.0000, 0.5216
CMYK	0.59, 1.00, 0.00, 0.52
HSL	265°, 100%, 24%
HSV	265°, 100%, 48%
XYZ	4.8282, 2.0833, 18.5600
YIQ	28.8580, -9.3620, 48.5420

# Conversions

## Conversions Part 2

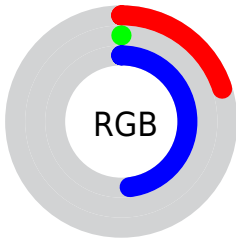
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 0, 122
Decimal	3276922
CIELab	15.92, 47.60, -55.86
CIELCh	16, 73.390, 310.434
Yxy	2.0833, 0.1896, 0.0818
Android (android.graphics.Color)	4281467002 (0xFF32007A)
YUV	28.8580, 45.9190, 18.5415
Hunter-Lab	14.4335, 34.4528, -66.1375

# Details

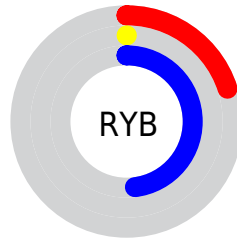
The Hex color **32007A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **487A00**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6B37B0**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **32007A**, and if you desaturate by 10%, it is **390C7A**.

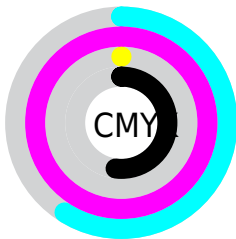
# Distribution



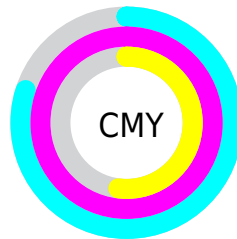
- Red (20%)
- Green (0%)
- Blue (48%)



- Red (20%)
- Yellow (0%)
- Blue (48%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)



- Cyan (80%)
- Magenta (100%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32007A 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 32007A by changing the saturation by 10% instead.



 32007A

 32007A

 FFF3FF

 0F0060

 6B37B0

 000048

 8750CC

 000430

 A36AE8

 00011A

 C084FF

 000000

 DD9FFF

 FABAFF

 FFD6FF

 32007A

■ 390C7A

■ 40187A

■ 48257A

■ 4F317A

■ 563D7A

■ 5D497A

■ 64557A

■ 6C627A

■ 736E7A

# Harmonies

## Analogous

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



002C93



32007A



6D004C

# Triad

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



32007A



4C1500



00393A

# Complementary

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



32007A



487A00

# 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.



003800



32007A



212C00

# Square

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



32007A



6B0000



003400



003A6C

# Rectangle

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



32007A



78002A



003400



003827



# Sweetspot

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



32007A



826F9E



00497A



3E334F



CFCFCF



4F4F4F



# Same Dimension

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



32007A



41009E



6E007A



3A373D



33007D



6700FC



# Inverse Universe

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



7A0048



9E005D



0C7A00



3D373B



7D004A

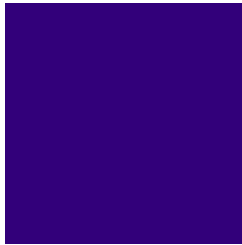


FC0095



# Previews

## White Background



This preview shows how the Hex color 32007A looks on a white background.

## Color Contrast Check

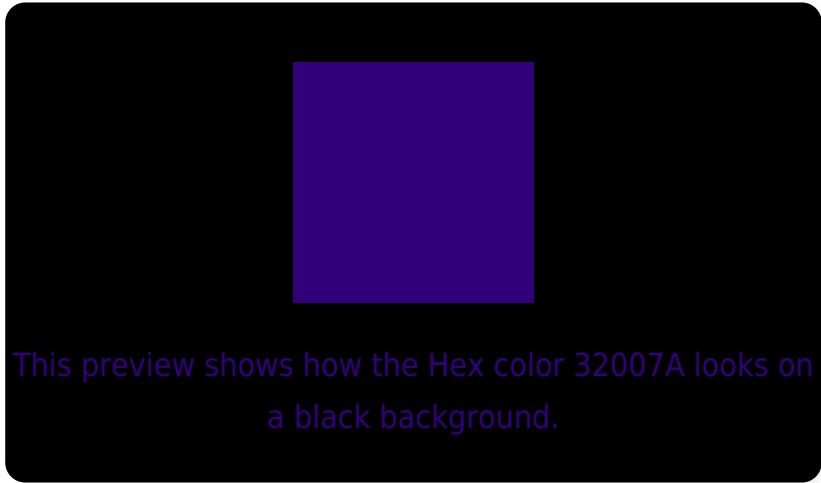
Large Text (above 18pt) WCAG AA ✓ Pass

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

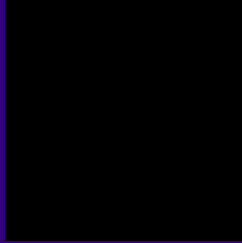
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 32007A Background



This preview shows how black text looks on a background with the Hex color 32007A.



This preview shows how white text looks on a background with the Hex color 32007A.

# 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**  
32007A

**Protanopia**  
002A58

**Deuteranopia**  
002D4B



**Tritanopia**  
132F33

# Trichromacy



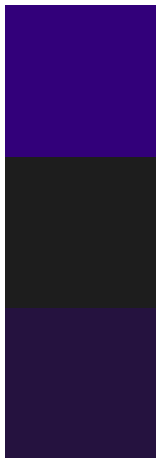
**Original Color**  
32007A

**Protanomaly**  
121B64

**Deuteranomaly**  
121D5C

**Tritanomaly**  
1E1E4D

# Monochromacy



**Original Color**  
32007A

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
25123F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32007A 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 #32007A looks like.

```
.text, #text, p{  
    color:#32007A  
}
```

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 #32007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32007A
}
```

## Border

The CSS property to change the border of an element to Hex 32007A 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
#32007A }
```

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

```
.border{ border-color:#32007A }
```

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

Here you see how a box with a 4 pixel #32007A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32007A; -webkit-box-shadow:4px 4px  
4px 4px #32007A; box-shadow:4px 4px 4px  
4px #32007A }
```

# Background

The CSS property to change the background color of an element to Hex 32007A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32007A }
```

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

```
.background{ background-color:#32007A }
```

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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