

Converting Colors

Hex(42094D)

Have a look what the booklet for
Hex(42094D) contains.

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Color

Hex(42094D)

Conversions

Conversions Part 1

Format	Color
Hex	42094D
RGB	66, 9, 77
RGB Percent	26%, 4%, 30%
CMY	0.7412, 0.9647, 0.6980
CMYK	0.14, 0.88, 0.00, 0.70
HSL	290°, 79%, 17%
HSV	290°, 88%, 30%
XYZ	3.6840, 1.8894, 7.1917
YIQ	33.7950, 12.1440, 33.2320

Conversions

Conversions Part 2

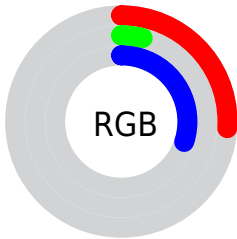
Format	Color
RYB	66, 9, 77
Decimal	4327757
CIELab	14.90, 36.04, -27.58
CIELCh	15, 45.379, 322.578
Yxy	1.8894, 0.2886, 0.1480
Android (android.graphics.Color)	4282517837 (0xFF42094D)
YUV	33.7950, 21.3001, 28.2438
Hunter-Lab	13.7457, 23.7850, -21.3983




Details

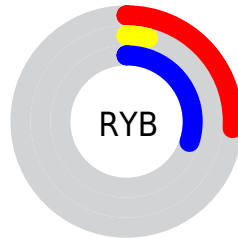
The Hex color **42094D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **144D09**, and the grayscale version is **222222**.


A 20% lighter version of the original color is **753B7F**, and **0E0020** is the 20% darker color. If you saturate the color by 10%, you get **41014D**, and if you desaturate by 10%, it is **43114D**.

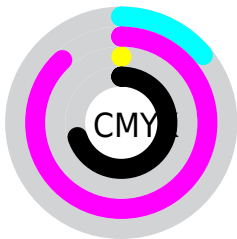
Distribution







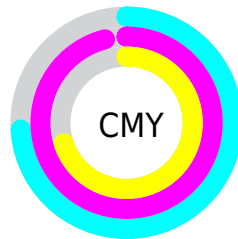
-  Red (26%)
-  Green (4%)
-  Blue (30%)






-  Red (26%)
-  Yellow (4%)
-  Blue (30%)



-  Cyan (14%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (74%)
-  Magenta (96%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42094D 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 42094D by changing the saturation by 10% instead.

 42094D

 42094D

 FFF6FF

 2A0036

 753B7F

 0E0020

 8F5499

 000004

 AA6DB4

 000000

 C687CF

 E3A2EC

 FFBDFE

 FFD9FF

 42094D

 42094D

■ 41014D

■ 43114D

■ 41004D

■ 44184D

■ 46204D

■ 47284D

■ 482F4D

■ 49374D

■ 4B3F4D

■ 4C474D

■ 4D4E4D

Harmonies

Analogous

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



002162



42094D



57002F

Triad

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



42094D



362200



00323D

Complementary

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



42094D



144D09

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.



00321C



42094D



182B00

Square

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



42094D



4D0F00



002F00



003159

Rectangle

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



42094D



5A001A



002F00



003233

Sweetspot

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



42094D



5F4A63



09144D



302333



B3B3B3



333333

Same Dimension

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



42094D



530063



4D0936



262226



550066



C000E6

Inverse Universe

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



4D0914



630010



094D20



262223



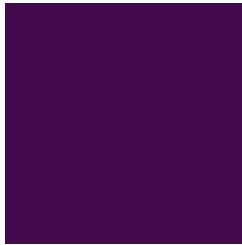
660011



E60025

Previews

White Background



This preview shows how the Hex color 42094D looks on a white background.

Color Contrast Check

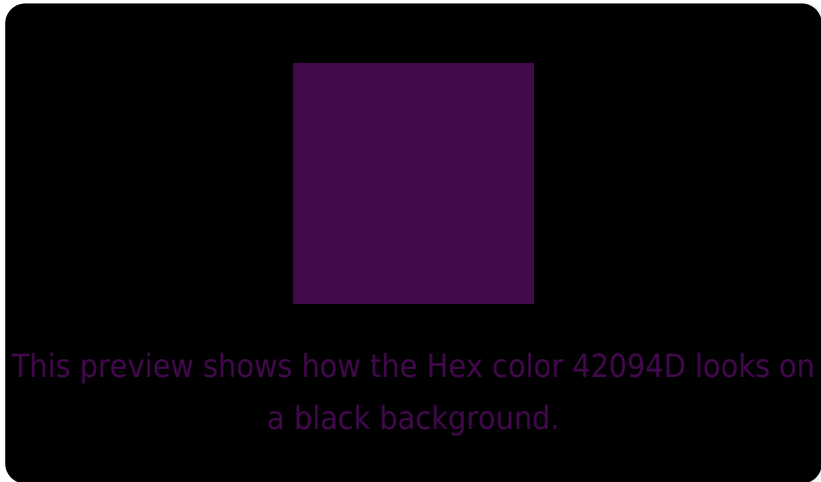
Large Text (above 18pt) WCAG AA ✓ Pass

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

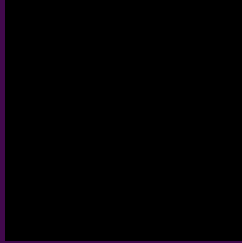
Any Text WCAG AA × Fail

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 42094D Background



This preview shows how black text looks on a background with the Hex color 42094D.



This preview shows how white text looks on a background with the Hex color 42094D.

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
42094D

Protanopia
002752

Deuteranopia
002948



Tritanopia
3C1F21

Trichromacy



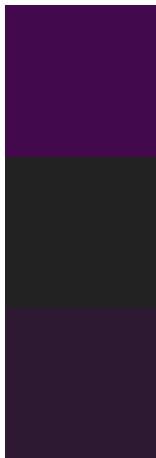
Original Color
42094D

Protanomaly
181C50

Deuteranomaly
181D4A

Tritanomaly
3E1731

Monochromacy



Original Color
42094D

Achromatopsia
222222

Achromatomaly
2E1932

CSS Examples

Text

The CSS property to change the color of the text to Hex 42094D 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 #42094D looks like.

```
.text, #text, p{  
    color:#42094D  
}
```

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 #42094D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42094D
}
```

Border

The CSS property to change the border of an element to Hex 42094D is called "border". The border property can be set on classes, ids or directly on the HTML element.

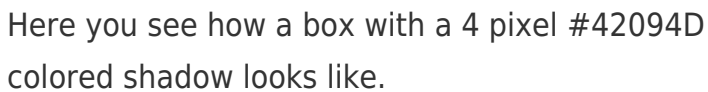
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42094D }
```

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

```
.border{ border-color:#42094D }
```

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



Here you see how a box with a 4 pixel #42094D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42094D; -webkit-box-shadow:4px 4px  
4px 4px #42094D; box-shadow:4px 4px 4px  
4px #42094D }
```

Background

The CSS property to change the background color of an element to Hex 42094D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42094D }
```

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

```
.background{ background-color:#42094D }
```

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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