

Converting Colors

Hex(00084D)

Have a look what the booklet for
Hex(00084D) contains.

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Color

Hex(00084D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 00084D |
| RGB | 0, 8, 77 |
| RGB Percent | 0%, 3%, 30% |
| CMY | 1.0000, 0.9686, 0.6980 |
| CMYK | 1.00, 0.90, 0.00, 0.70 |
| HSL | 234°, 100%, 15% |
| HSV | 234°, 100%, 30% |
| XYZ | 1.4264, 0.7095, 7.0829 |
| YIQ | 13.4740, -26.9170, 19.7630 |

Conversions

Conversions Part 2

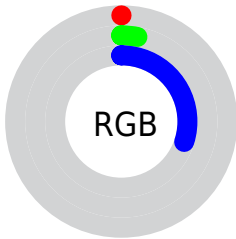
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 7, 77 |
| Decimal | 2125 |
| CIELab | 6.41, 26.74, -41.80 |
| CIELCh | 6, 49.621, 302.609 |
| Yxy | 0.7095, 0.1547, 0.0770 |
| Android (android.graphics.Color) | 4278192205 (0xFF00084D) |
| YUV | 13.4740, 31.3183, -11.8167 |
| Hunter-Lab | 8.4231, 15.4871, -43.9604 |

Details

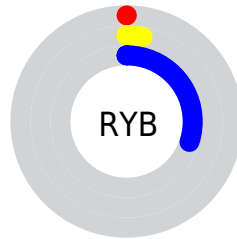
The Hex color **00084D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4D4500**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **3E327F**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **00084D**, and if you desaturate by 10%, it is **080F4D**.

Distribution



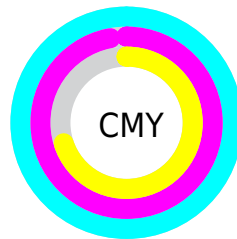
- Red (0%)
- Green (3%)
- Blue (30%)



- Red (0%)
- Yellow (3%)
- Blue (30%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (97%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00084D 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 00084D by changing the saturation by 10% instead.

00084D

00084D

FFE7FF

000036

3E327F

00021F

594999

000003

7361B4

000000

8E7AD0

AA94ED

C6AFFF

E2CAFF

00084D

■ 080F4D

■ 0F164D

■ 171D4D

■ 1F244D

■ 272B4D

■ 2E314D

■ 36384D

■ 3E3F4D

■ 45464D

Harmonies

Analogous

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



001A58



00084D



3A0033

Triad

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



00084D



310300



001F17

Complementary

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



00084D



4D4500

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.



001E00



00084D



181500

Square

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



00084D



420000



001E00



002137

Rectangle

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



00084D



45001E



001E00



001F07

Sweetspot

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



00084D



464963



004D44



212333



B3B3B3



333333

Same Dimension

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



00084D



000A63



1E004D



222326



000B66



0018E6

Inverse Universe

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



4D0008



63000A



2F4D00



262223



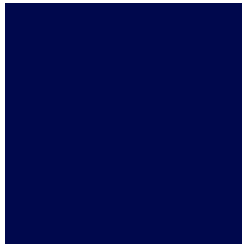
66000B



E60018

Previews

White Background



This preview shows how the Hex color 00084D looks on a white background.

Color Contrast Check

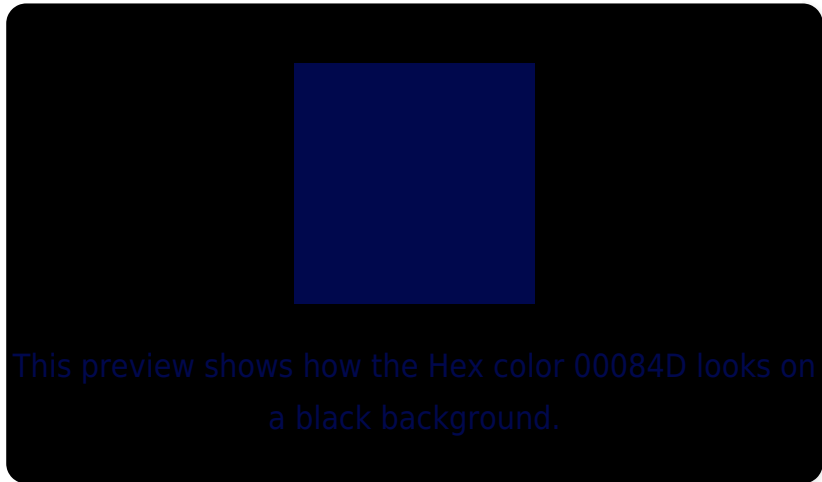
Large Text (above 18pt) WCAG AA ✓ Pass

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

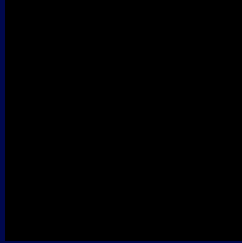
Any Text WCAG AA × Fail

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 00084D Background



This preview shows how black text looks on a background with the Hex color 00084D.



This preview shows how white text looks on a background with the Hex color 00084D.

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

00084D

Protanopia

001731

Deuteranopia

001929



Tritanopia
001B1C

Trichromacy



Original Color
00084D

Protanomaly
00123B

Deuteranomaly
001336

Tritanomaly
00142E

Monochromacy



Original Color
00084D

Achromatopsia
0D0D0D

Achromatomaly
080B24

CSS Examples

Text

The CSS property to change the color of the text to Hex 00084D 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 #00084D looks like.

```
.text, #text, p{  
    color:#00084D  
}
```

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 #00084D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00084D
}
```

Border

The CSS property to change the border of an element to Hex 00084D 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
#00084D }
```

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

```
.border{ border-color:#00084D }
```

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

Here you see how a box with a 4 pixel #00084D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00084D; -webkit-box-shadow:4px 4px  
4px 4px #00084D; box-shadow:4px 4px 4px  
4px #00084D }
```

Background

The CSS property to change the background color of an element to Hex 00084D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00084D }
```

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

```
.background{ background-color:#00084D }
```

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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