

Converting Colors

Hex(42005D)

Have a look what the booklet for
Hex(42005D) contains.

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Color

Hex(42005D)

Conversions

Conversions Part 1

Format	Color
Hex	42005D
RGB	66, 0, 93
RGB Percent	26%, 0%, 36%
CMY	0.7412, 1.0000, 0.6353
CMYK	0.29, 1.00, 0.00, 0.64
HSL	283°, 100%, 18%
HSV	283°, 100%, 36%
XYZ	4.2226, 1.9486, 10.5095
YIQ	30.3360, 9.4830, 42.9150

Conversions

Conversions Part 2

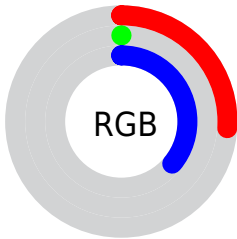
Format	Color
RYB	66, 0, 93
Decimal	4325469
CIELab	15.21, 42.54, -37.92
CIELCh	15, 56.988, 318.282
Yxy	1.9486, 0.2531, 0.1168
Android (android.graphics.Color)	4282515549 (0xFF42005D)
YUV	30.3360, 30.8934, 31.2773
Hunter-Lab	13.9591, 29.5668, -34.8667

Details

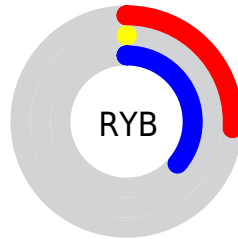
The Hex color **42005D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1B5D00**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **763790**, and **0F002E** is the 20% darker color. If you saturate the color by 10%, you get **42005D**, and if you desaturate by 10%, it is **45095D**.

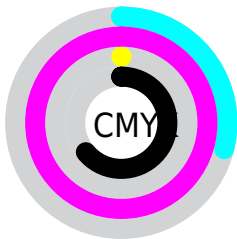
Distribution



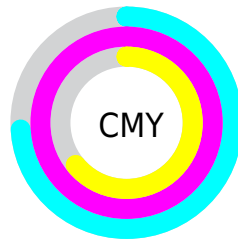
- Red (26%)
- Green (0%)
- Blue (36%)



- Red (26%)
- Yellow (0%)
- Blue (36%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (74%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42005D 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 42005D by changing the saturation by 10% instead.

 42005D


 42005D

 FFF3FF

 290045

 763790

 0F002E

 9150AB

 000118

 AC6AC7

 000000

 C984E3

 E59FFF

 FFBAFF

 FFD6FF

 42005D

■ 45095D

■ 47135D

■ 4A1C5D

■ 4D255D

■ 502F5D

■ 52385D

■ 55415D

■ 584A5D

■ 5A545D

Harmonies

Analogous

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



002475



42005D



620038

Triad

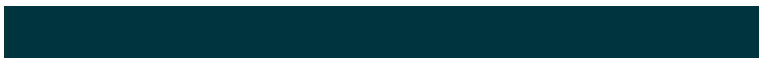
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42005D



3D1F00



00353F

Complementary

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



42005D



1B5D00

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.



003414



42005D



182C00

Square

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



42005D



580000



003100



003563

Rectangle

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



42005D



67001D



003100



003531

Sweetspot

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



42005D



6D5478



001C5D



37273D



BDBDBD



3D3D3D

Same Dimension

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



42005D



550078



5D004A



2D292E



4E006E



A800ED

Inverse Universe

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



5D001B



780023



005D13



2E292B



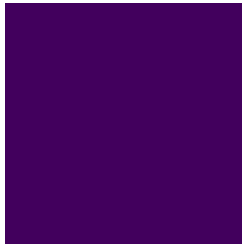
6E0020



ED0045

Previews

White Background



This preview shows how the Hex color 42005D looks on a white background.

Color Contrast Check

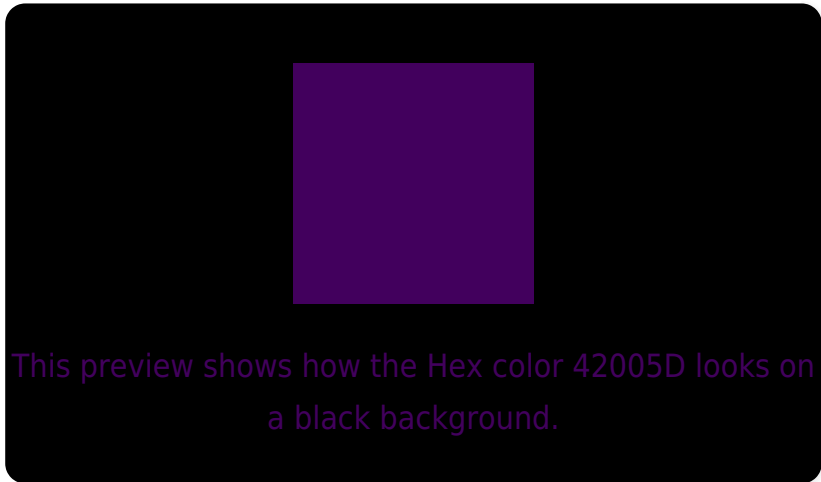
Large Text (above 18pt) WCAG AA ✓ Pass

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

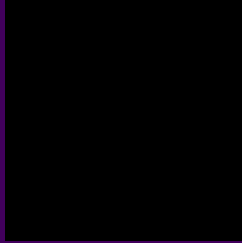
Any Text WCAG AA × Fail

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 42005D Background



This preview shows how black text looks on a background with the Hex color 42005D.



This preview shows how white text looks on a background with the Hex color 42005D.

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
42005D

Protanopia
002956

Deuteranopia
002B4B



Tritanopia
392427

Trichromacy



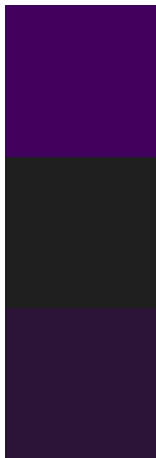
Original Color
42005D

Protanomaly
181A59

Deuteranomaly
181B52

Tritanomaly
3C173B

Monochromacy



Original Color
42005D

Achromatopsia
1E1E1E

Achromatomaly
2B1335

CSS Examples

Text

The CSS property to change the color of the text to Hex 42005D 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 #42005D looks like.

```
.text, #text, p{  
    color:#42005D  
}
```

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 #42005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42005D
}
```

Border

The CSS property to change the border of an element to Hex 42005D is called "border". The border property can be set on classes, ids or directly on the HTML element.

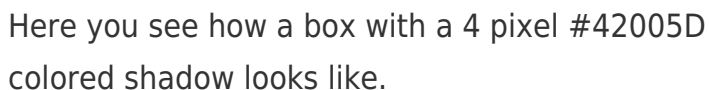
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42005D }
```

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

```
.border{ border-color:#42005D }
```

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



Here you see how a box with a 4 pixel #42005D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42005D; -webkit-box-shadow:4px 4px  
4px 4px #42005D; box-shadow:4px 4px 4px  
4px #42005D }
```

Background

The CSS property to change the background color of an element to Hex 42005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42005D }
```

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

```
.background{ background-color:#42005D }
```

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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