

Converting Colors

Hex(42295F)

Have a look what the booklet for
Hex(42295F) contains.

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Color

Hex(42295F)

Conversions

Conversions Part 1

Format	Color
Hex	42295F
RGB	66, 41, 95
RGB Percent	26%, 16%, 37%
CMY	0.7412, 0.8392, 0.6275
CMYK	0.31, 0.57, 0.00, 0.63
HSL	268°, 40%, 27%
HSV	268°, 57%, 37%
XYZ	5.1053, 3.5704, 11.2465
YIQ	54.6310, -2.4340, 22.0940

Conversions

Conversions Part 2

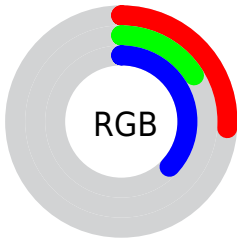
Format	Color
RYB	66, 41, 95
Decimal	4335967
CIELab	22.20, 24.01, -27.98
CIElCh	22, 36.872, 310.632
Yxy	3.5704, 0.2563, 0.1792
Android (android.graphics.Color)	4282526047 (0xFF42295F)
YUV	54.6310, 19.9019, 9.9706
Hunter-Lab	18.8954, 15.1613, -22.0627

Details

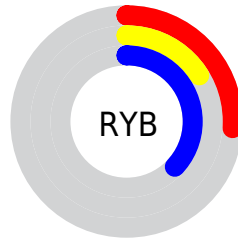
The Hex color **42295F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **465F29**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **745792**, and **170030** is the 20% darker color. If you saturate the color by 10%, you get **3D205F**, and if you desaturate by 10%, it is **47335F**.

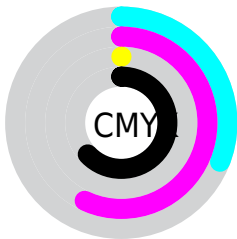
Distribution



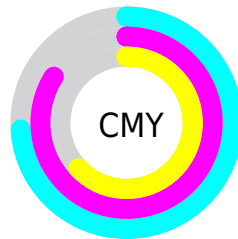
- Red (26%)
- Green (16%)
- Blue (37%)



- Red (26%)
- Yellow (16%)
- Blue (37%)



- Cyan (31%)
- Magenta (57%)
- Yellow (0%)
- Black (63%)



- Cyan (74%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42295F 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 42295F by changing the saturation by 10% instead.

■ 42295F

■ 42295F

FFFFFF

■ 2A1447

■ 745792

■ 170030

■ 8E70AD

■ 00011B

■ A98AC8

■ 000000

■ C4A4E4

■ E1BFFF

■ FEDBFF

■ FFF8FF

■ 42295F

■ 42295F

■ 3D205F

■ 47335F

■ 38165F

■ 4C3C5F

■ 330D5F

■ 51465F

■ 2E035F

■ 564F5F

■ 2C005F

■ 5C595F

■ 61625F

■ 666C5F

■ 6B755F

■ 707E5F

Harmonies

Analogous

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



00356B



42295F



5D1B48

Triad

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



42295F



502D00



00413E

Complementary

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



42295F



465F29

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.



004022



42295F



393700

Square

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



42295F



602013



1A3D05



004158

Rectangle

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



42295F



641636



1A3D05



004135

Sweetspot

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



42295F



6F667A



29475F



37313D



BDBDBD



3D3D3D

Same Dimension

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



42295F



4E277A



5C295F



2E2C30



340070



6F00F0

Inverse Universe

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



5F2946



7A2754



2C5F29



302C2E



70003C



F00081

Previews

White Background



This preview shows how the Hex color 42295F 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

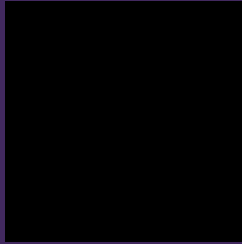
Any Text WCAG AA × Fail

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 42295F Background



This preview shows how black text looks on a background with the Hex color 42295F.

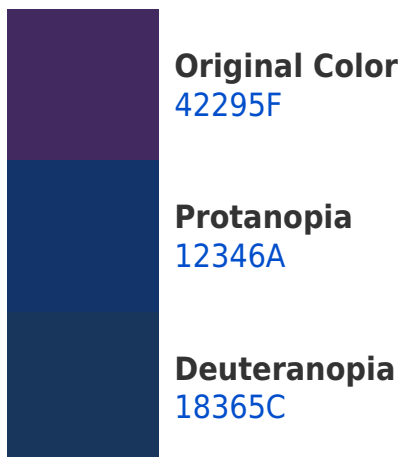



This preview shows how white text looks on a background with the Hex color 42295F.

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





Tritanopia
3B3438

Trichromacy



Original Color
42295F

Protanomaly
233066

Deuteranomaly
27315D

Tritanomaly
3E3046

Monochromacy



Original Color
42295F

Achromatopsia
373737

Achromatomaly
3B3246

CSS Examples

Text

The CSS property to change the color of the text to Hex 42295F 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 #42295F looks like.

```
.text, #text, p{  
    color:#42295F  
}
```

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 #42295F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42295F
}
```

Border

The CSS property to change the border of an element to Hex 42295F is called "border". The border property can be set on classes, ids or directly on the HTML element.

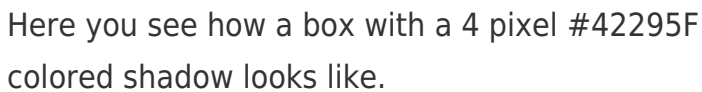
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42295F }
```

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

```
.border{ border-color:#42295F }
```

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



Here you see how a box with a 4 pixel #42295F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42295F; -webkit-box-shadow:4px 4px  
4px 4px #42295F; box-shadow:4px 4px 4px  
4px #42295F }
```

Background

The CSS property to change the background color of an element to Hex 42295F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42295F }
```

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

```
.background{ background-color:#42295F }
```

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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