

Converting Colors

Hex(40295F)

Have a look what the booklet for
Hex(40295F) contains.

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Color

Hex(40295F)

Conversions

Conversions Part 1

Format	Color
Hex	40295F
RGB	64, 41, 95
RGB Percent	25%, 16%, 37%
CMY	0.7490, 0.8392, 0.6275
CMYK	0.33, 0.57, 0.00, 0.63
HSL	266°, 40%, 27%
HSV	266°, 57%, 37%
XYZ	4.9728, 3.5021, 11.2403
YIQ	54.0330, -3.6260, 21.6700

Conversions

Conversions Part 2

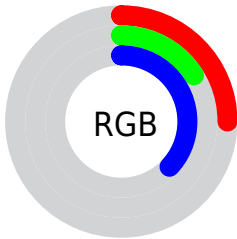
Format	Color
RYB	64, 41, 95
Decimal	4204895
CIELab	21.95, 23.42, -28.39
CIElCh	22, 36.802, 309.525
Yxy	3.5021, 0.2522, 0.1776
Android (android.graphics.Color)	4282394975 (0xFF40295F)
YUV	54.0330, 20.1967, 8.7411
Hunter-Lab	18.7139, 14.6837, -22.5124

Details

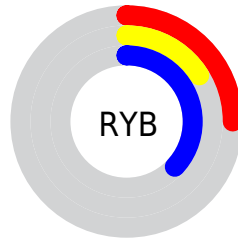
The Hex color **40295F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **485F29**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **725792**, and **150030** is the 20% darker color. If you saturate the color by 10%, you get **3B205F**, and if you desaturate by 10%, it is **45335F**.

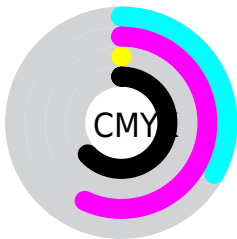
Distribution



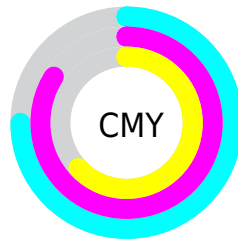
- Red (25%)
- Green (16%)
- Blue (37%)



- Red (25%)
- Yellow (16%)
- Blue (37%)



- Cyan (33%)
- Magenta (57%)
- Yellow (0%)
- Black (63%)



- Cyan (75%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40295F 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 40295F by changing the saturation by 10% instead.

■ 40295F

■ 40295F

FFFFFF

■ 281447

■ 725792

■ 150030

■ 8C70AD

■ 00011B

■ A789C8

■ 000000

■ C2A4E4

■ DEBFFF

■ FBDBFF

■ FFF7FF

■ 40295F

■ 40295F

■ 3B205F

■ 45335F

■ 35165F

■ 4B3C5F

■ 300D5F

■ 50465F

■ 2A035F

■ 564F5F

■ 28005F

■ 5B595F

■ 61625F

■ 666C5F

■ 6C755F

■ 717E5F

Harmonies

Analogous

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



00356B



40295F



5B1B48

Triad

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



40295F



502C00



00413D

Complementary

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



40295F



485F29

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.



004020



40295F



3A3600

Square

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



40295F



5F1F13



1B3C03



004057

Rectangle

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



40295F



631636



1B3C03



004133

Sweetspot

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



40295F



6E667A



29495F



36313D



BDBDBD



3D3D3D

Same Dimension

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



40295F



4B277A



5A295F



2E2C30



300070



6600F0

Inverse Universe

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



5F2948



7A2757



2E5F29



302C2E



700040



F0008A

Previews

White Background



This preview shows how the Hex color 40295F looks on a white background.

Color Contrast Check

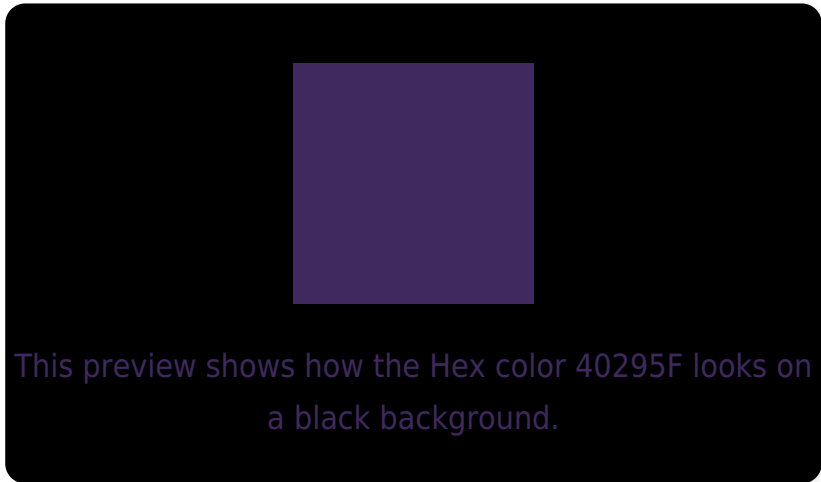
Large Text (above 18pt) WCAG AA ✓ Pass

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

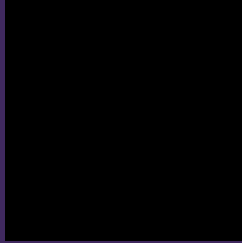
Any Text WCAG AA × Fail

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 40295F Background



This preview shows how black text looks on a background with the Hex color 40295F.



This preview shows how white text looks on a background with the Hex color 40295F.

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
40295F

Protanopia
11336A

Deuteranopia
15365C



Tritanopia
383338

Trichromacy



Original Color

40295F

Protanomaly

222F66

Deuteranomaly

25315D

Tritanomaly

3B2F46

Monochromacy



Original Color

40295F

Achromatopsia

363636

Achromatomaly

3A3145

CSS Examples

Text

The CSS property to change the color of the text to Hex 40295F 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 #40295F looks like.

```
.text, #text, p{  
    color:#40295F  
}
```

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 #40295F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40295F
}
```

Border

The CSS property to change the border of an element to Hex 40295F is called "border". The border property can be set on classes, ids or directly on the HTML element.

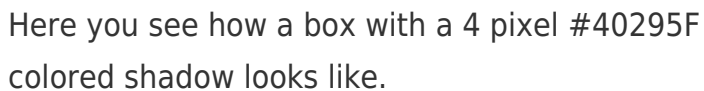
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40295F }
```

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

```
.border{ border-color:#40295F }
```

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



Here you see how a box with a 4 pixel #40295F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40295F; -webkit-box-shadow:4px 4px  
4px 4px #40295F; box-shadow:4px 4px 4px  
4px #40295F }
```

Background

The CSS property to change the background color of an element to Hex 40295F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40295F }
```

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

```
.background{ background-color:#40295F }
```

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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