

Converting Colors

Hex(2F395D)

Have a look what the booklet for
Hex(2F395D) contains.

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Color

Hex(2F395D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2F395D |
| RGB | 47, 57, 93 |
| RGB Percent | 18%, 22%, 36% |
| CMY | 0.8157, 0.7765, 0.6353 |
| CMYK | 0.49, 0.39, 0.00, 0.64 |
| HSL | 227°, 33%, 27% |
| HSV | 227°, 49%, 36% |
| XYZ | 4.6112, 4.3209, 10.9469 |
| YIQ | 58.1140, -17.5160, 9.0760 |

Conversions

Conversions Part 2

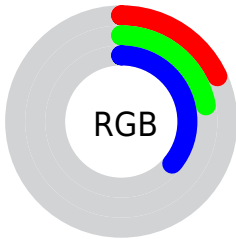
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 47, 55, 93 |
| Decimal | 3094877 |
| CIE Lab | 24.71, 6.91, -22.82 |
| CIE LCh | 25, 23.839, 286.840 |
| Yxy | 4.3209, 0.2320, 0.2174 |
| Android (android.graphics.Color) | 4281284957 (0xFF2F395D) |
| YUV | 58.1140, 17.1988, -9.7470 |
| Hunter-Lab | 20.7868, 3.2204, -16.6730 |

Details

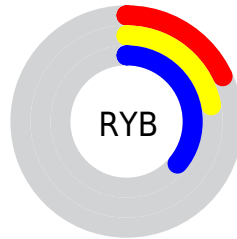
The Hex color **2F395D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D532F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **606890**, and **000E2F** is the 20% darker color. If you saturate the color by 10%, you get **26325D**, and if you desaturate by 10%, it is **38405D**.

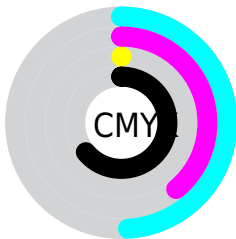
Distribution



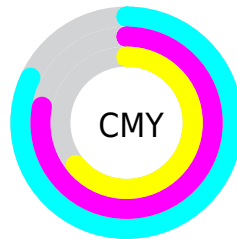
- Red (18%)
- Green (22%)
- Blue (36%)



- Red (18%)
- Yellow (22%)
- Blue (36%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F395D 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 2F395D by changing the saturation by 10% instead.

■ 2F395D

■ 2F395D

FFFFFF

■ 172445

■ 606890

■ 000E2F

■ 7981AA

■ 00011A

■ 949BC5

■ 000000

■ AFB6E2

■ CAD1FE

■ E7EDFF

■ 2F395D

■ 2F395D

■ 26325D

■ 38405D

■ 1C2A5D

■ 42485D

■ 13235D

■ 4B4F5D

■ 0A1C5D

■ 54565D

■ 01155D

■ 5E5D5D

■ 00145D

■ 67655D

■ 706C5D

■ 79735D

■ 837B5D

Harmonies

Analogous

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



003F5D



2F395D



493253

Triad

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



2F395D



583021



074332

Complementary

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



2F395D



5D532F

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.



274121



2F395D



4C3717

Square

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



2F395D



5D2C31



3B3D17



004444

Rectangle

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



2F395D



542E49



3B3D17



15432C

Sweetspot

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



2F395D



666A78



2F5D52



32353D



BDBDBD



3D3D3D

Same Dimension

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



2F395D



314178



3B2F5D



292A2E



00186E



0034ED

Inverse Universe

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



5D2F39



783141



515D2F



2E292A



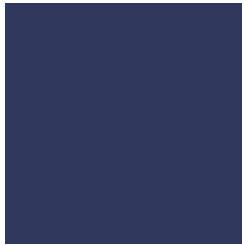
6E0018



ED0034

Previews

White Background



This preview shows how the Hex color 2F395D looks on a white background.

Color Contrast Check

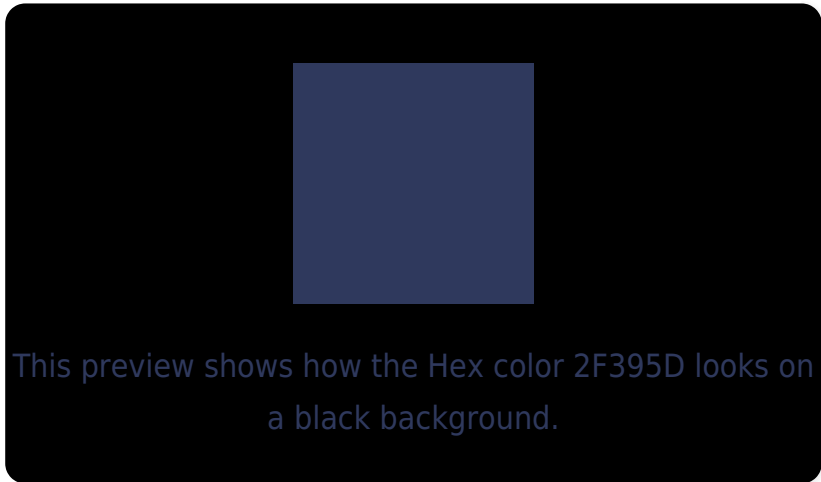
Large Text (above 18pt) WCAG AA ✓ Pass

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

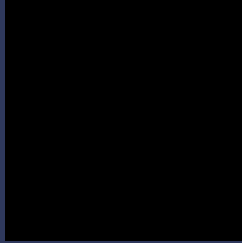
Any Text WCAG AA × Fail

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 2F395D Background



This preview shows how black text looks on a background with the Hex color 2F395D.

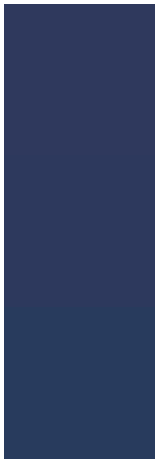


This preview shows how white text looks on a background with the Hex color 2F395D.

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](#).

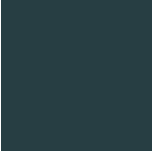
Dichromacy



Original Color
2F395D

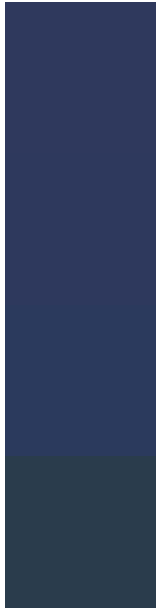
Protanopia
2D395D

Deuteranopia
283B5D



Tritanopia
273E43

Trichromacy



Original Color
2F395D

Protanomaly
2E395D

Deuteranomaly
2B3A5D

Tritanomaly
2A3C4C

Monochromacy



Original Color
2F395D

Achromatopsia
3A3A3A

Achromatomaly
363A47

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F395D 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 #2F395D looks like.

```
.text, #text, p{  
    color:#2F395D  
}
```

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 #2F395D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F395D
}
```

Border

The CSS property to change the border of an element to Hex 2F395D is called "border". The border property can be set on classes, ids or directly on the HTML element.

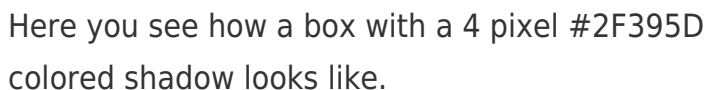
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F395D }
```

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

```
.border{ border-color:#2F395D }
```

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



Here you see how a box with a 4 pixel #2F395D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F395D; -webkit-box-shadow:4px 4px  
4px 4px #2F395D; box-shadow:4px 4px 4px  
4px #2F395D }
```

Background

The CSS property to change the background color of an element to Hex 2F395D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F395D }
```

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

```
.background{ background-color:#2F395D }
```

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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