

Converting Colors

Hex(2F3D75)

Have a look what the booklet for
Hex(2F3D75) contains.

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Color

Hex(2F3D75)

Conversions

Conversions Part 1

Format	Color
Hex	2F3D75
RGB	47, 61, 117
RGB Percent	18%, 24%, 46%
CMY	0.8157, 0.7608, 0.5412
CMYK	0.60, 0.48, 0.00, 0.54
HSL	228°, 43%, 32%
HSV	228°, 60%, 46%
XYZ	6.0519, 5.2262, 17.5194
YIQ	63.1980, -26.3200, 14.4480

Conversions

Conversions Part 2

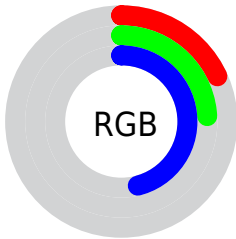
Format	Color
RYB	47, 59, 117
Decimal	3095925
CIELab	27.37, 12.72, -34.00
CIELCh	27, 36.306, 290.510
Yxy	5.2262, 0.2102, 0.1815
Android (android.graphics.Color)	4281286005 (0xFF2F3D75)
YUV	63.1980, 26.5244, -14.2056
Hunter-Lab	22.8608, 7.2476, -29.4343

Details

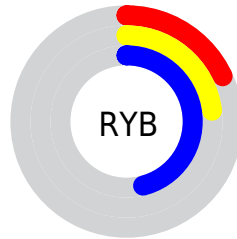
The Hex color **2F3D75** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **75672F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **636CAA**, and **001444** is the 20% darker color. If you saturate the color by 10%, you get **233475**, and if you desaturate by 10%, it is **3B4675**.

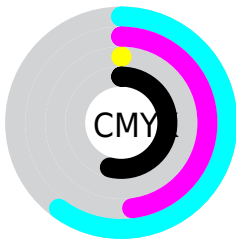
Distribution



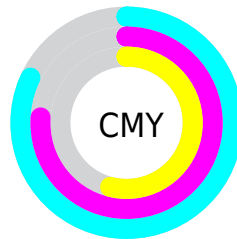
- Red (18%)
- Green (24%)
- Blue (46%)



- Red (18%)
- Yellow (23%)
- Blue (46%)



- Cyan (60%)
- Magenta (48%)
- Yellow (0%)
- Black (54%)



- Cyan (82%)
- Magenta (76%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3D75 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 2F3D75 by changing the saturation by 10% instead.

■ 2F3D75

■ 2F3D75

FFFFFF

■ 12275C

■ 636CAA

■ 001444

■ 7E85C5

■ 00022D

■ 999FE1

■ 000118

■ B4BAFE

■ 000000

■ D1D6FF

■ EDF2FF

■ 2F3D75

■ 2F3D75

■ 233475

■ 3B4675

■ 182A75

■ 465075

■ 0C2175

■ 525975

■ 001875

■ 5E6275

■ 001775

■ 6A6C75

■ 757575

■ 817F75

■ 8D8875

■ 989175

Harmonies

Analogous

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



004678



2F3D75



593164

Triad

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



2F3D75



693116



004D37

Complementary

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



2F3D75



75672F

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.



184A1B



2F3D75



563C03

Square

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



2F3D75



72272F



3C4504



004E53

Rectangle

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



2F3D75



692954



3C4504



004C2D

Sweetspot

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



2F3D75



7D8399



2F7567



3C3F4D



CCCCCC



4D4D4D

Same Dimension

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



2F3D75



2B4199



442F75



35363B



00187A



0032FA

Inverse Universe

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



752F3D



992B41



60752F



3B3536



7A0018



FA0032

Previews

White Background



This preview shows how the Hex color 2F3D75 looks on a white background.

Color Contrast Check

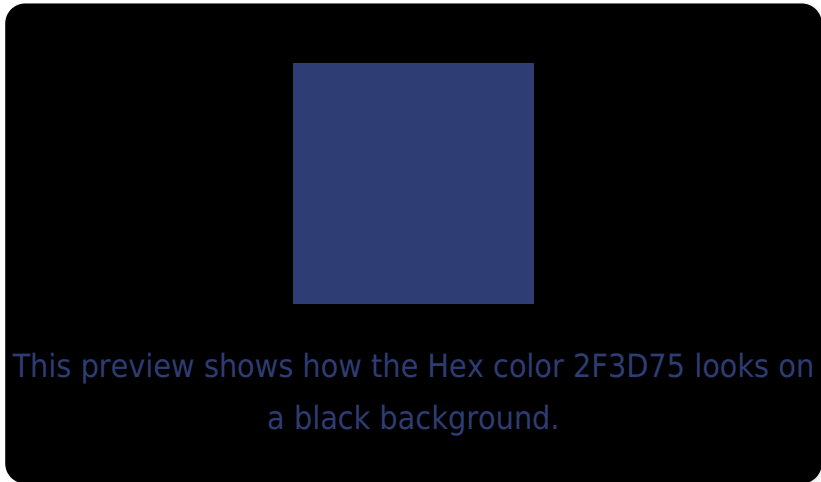
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F3D75 Background



This preview shows how black text looks on a background with the Hex color 2F3D75.



This preview shows how white text looks on a background with the Hex color 2F3D75.

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](#).

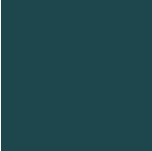
Dichromacy



Original Color
2F3D75

Protanopia
243F77

Deuteranopia
0C4274



Tritanopia
1D474C

Trichromacy



Original Color
2F3D75

Protanomaly
283E76

Deuteranomaly
194074

Tritanomaly
24435B

Monochromacy



Original Color
2F3D75

Achromatopsia
3F3F3F

Achromatomaly
393E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3D75 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 #2F3D75 looks like.

```
.text, #text, p{  
    color:#2F3D75  
}
```

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 #2F3D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3D75
}
```

Border

The CSS property to change the border of an element to Hex 2F3D75 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".

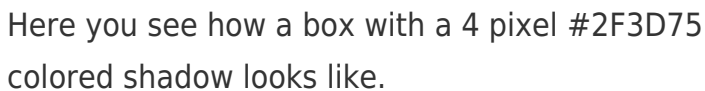
```
.border, #border, table{ border:4px solid
#2F3D75 }
```

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

```
.border{ border-color:#2F3D75 }
```

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

Here you see how a box with a 4 pixel #2F3D75 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3D75; -webkit-box-shadow:4px 4px  
4px 4px #2F3D75; box-shadow:4px 4px 4px  
4px #2F3D75 }
```

Background

The CSS property to change the background color of an element to Hex 2F3D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3D75 }
```

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

```
.background{ background-color:#2F3D75 }
```

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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