

Converting Colors

Hex(2F2373)

Have a look what the booklet for
Hex(2F2373) contains.

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Color

Hex(2F2373)

Conversions

Conversions Part 1

Format	Color
Hex	2F2373
RGB	47, 35, 115
RGB Percent	18%, 14%, 45%
CMY	0.8157, 0.8627, 0.5490
CMYK	0.59, 0.70, 0.00, 0.55
HSL	249°, 53%, 29%
HSV	249°, 70%, 45%
XYZ	4.8678, 3.0442, 16.5507
YIQ	47.7080, -18.5280, 27.4240

Conversions

Conversions Part 2

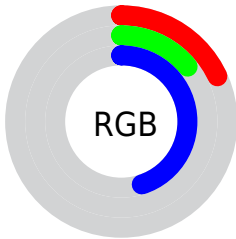
Format	Color
R_{YB}	47, 35, 115
Decimal	3089267
CIE _{Lab}	20.22, 29.56, -44.29
CIE _{LCh}	20, 53.248, 303.721
Y _{xy}	3.0442, 0.1990, 0.1244
Android (android.graphics.Color)	4281279347 (0xFF2F2373)
YUV	47.7080, 33.1750, -0.6209
Hunter-Lab	17.4477, 19.2675, -44.0286

Details

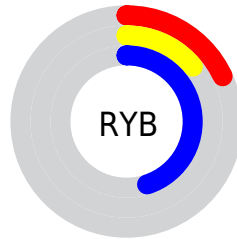
The Hex color **2F2373** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **677323**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6551A8**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **251873**, and if you desaturate by 10%, it is **392F73**.

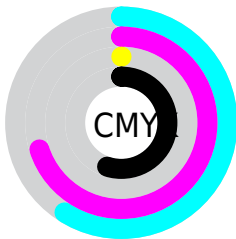
Distribution



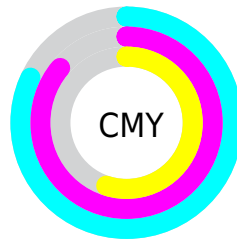
- Red (18%)
- Green (14%)
- Blue (45%)



- Red (18%)
- Yellow (14%)
- Blue (45%)



- Cyan (59%)
- Magenta (70%)
- Yellow (0%)
- Black (55%)



- Cyan (82%)
- Magenta (86%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2373 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 2F2373 by changing the saturation by 10% instead.

■ 2F2373

■ 2F2373

FFFFFF

■ 100E5A

■ 6551A8

■ 000042

■ 8069C3

■ 00032B

■ 9B82E0

■ 000115

■ B79DFC

■ 000000

■ D3B8FF

■ F0D3FF

■ FFF0FF

■ 2F2373

■ 2F2373

■ 251873

■ 392F73

■ 1B0C73

■ 433A73

■ 120173

■ 4C4673

■ 110073

■ 565173

■ 605D73

■ 6A6873

■ 737473

■ 7D7F73

■ 878B73

Harmonies

Analogous

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



003580



2F2373



610054

Triad

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



2F2373



572000



004035

Complementary

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



2F2373



677323

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.



003E09



2F2373



393100

Square

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



2F2373



6C0004



0A3A00



00405C

Rectangle

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



2F2373



6E003B



0A3A00



003F27

Sweetspot

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



2F2373



7C7796



236773



3C394D



CCCCCC



4D4D4D

Same Dimension

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



2F2373



2C1A96



572373



36353B



12007A



2500FA

Inverse Universe

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



732367



961A84



3F7323



3B353A



7A0068



FA00D4

Previews

White Background



This preview shows how the Hex color 2F2373 looks on a white background.

Color Contrast Check

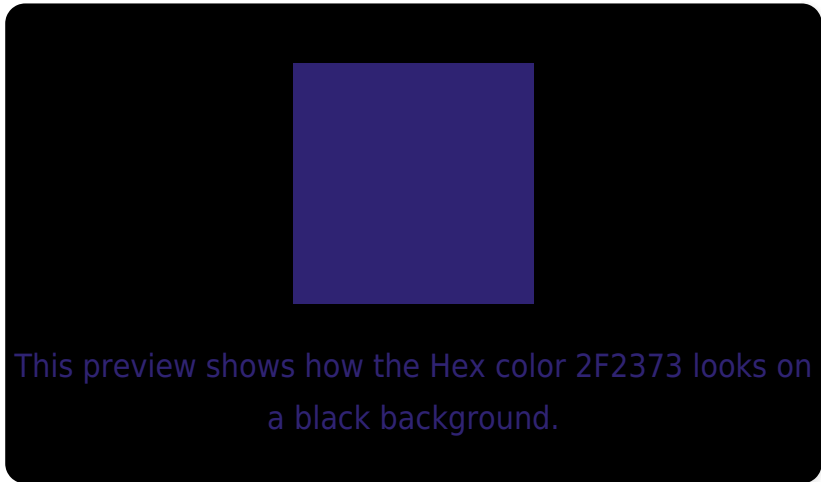
Large Text (above 18pt) WCAG AA ✓ Pass

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

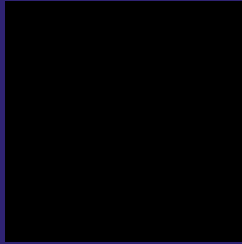
Any Text WCAG AA × Fail

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 2F2373 Background



This preview shows how black text looks on a background with the Hex color 2F2373.



This preview shows how white text looks on a background with the Hex color 2F2373.

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](#).

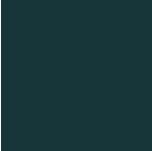
Dichromacy



Original Color
2F2373

Protanopia
003064

Deuteranopia
003356



Tritanopia
16363A

Trichromacy



Original Color
2F2373

Protanomaly
112B69

Deuteranomaly
112D61

Tritanomaly
1F2F4F

Monochromacy



Original Color
2F2373

Achromatopsia
303030

Achromatomaly
302B48

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2373 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 #2F2373 looks like.

```
.text, #text, p{  
    color:#2F2373  
}
```

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 #2F2373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2373
}
```

Border

The CSS property to change the border of an element to Hex 2F2373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

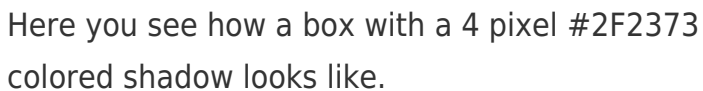
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2373 }
```

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

```
.border{ border-color:#2F2373 }
```

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



Here you see how a box with a 4 pixel #2F2373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2373; -webkit-box-shadow:4px 4px  
4px 4px #2F2373; box-shadow:4px 4px 4px  
4px #2F2373 }
```

Background

The CSS property to change the background color of an element to Hex 2F2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2373 }
```

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

```
.background{ background-color:#2F2373 }
```

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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