

Converting Colors

Hex(2E224C)

Have a look what the booklet for
Hex(2E224C) contains.

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Color

Hex(2E224C)

Conversions

Conversions Part 1	
Format	Color
Hex	2E224C
RGB	46, 34, 76
RGB Percent	18%, 13%, 30%
CMY	0.8196, 0.8667, 0.7020
CMYK	0.39, 0.55, 0.00, 0.70
HSL	257°, 38%, 22%
HSV	257°, 55%, 30%
XYZ	3.0032, 2.2467, 7.1128
YIQ	42.3760, -6.3300, 15.6060

Conversions

Conversions Part 2

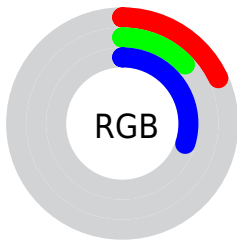
Format	Color
RYB	46, 34, 76
Decimal	3023436
CIELab	16.73, 16.99, -24.11
CIELCh	17, 29.496, 305.160
Yxy	2.2467, 0.2429, 0.1817
Android (android.graphics.Color)	4281213516 (0xFF2E224C)
YUV	42.3760, 16.5766, 3.1782
Hunter-Lab	14.9890, 9.5341, -17.6430

Details

The Hex color **2E224C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **404C22**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5E4F7D**, and **000020** is the 20% darker color. If you saturate the color by 10%, you get **291A4C**, and if you desaturate by 10%, it is **332A4C**.

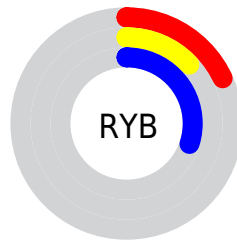
Distribution



Red (18%)

Green (13%)

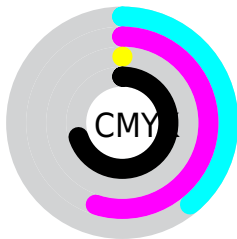
Blue (30%)



Red (18%)

Yellow (13%)

Blue (30%)

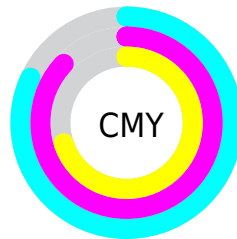


Cyan (39%)

Magenta (55%)

Yellow (0%)

Black (70%)



Cyan (82%)

Magenta (87%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E224C 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 2E224C by changing the saturation by 10% instead.

 2E224C

 2E224C

FFFFFF

 170E35

 5E4F7D

 000020

 776797

 000003

 9180B2

 000000

 AC9ACE

 C8B5EA

 E4D0FF

 FFEDFF

 2E224C

 2E224C

 291A4C

 332A4C

 23134C

 39314C

 1E0B4C

 3E394C

 18044C

 44404C

 16004C

 49484C

 4F504C

 54574C

 595F4C

 5F664C

Harmonies

Analogous

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



002B54



2E224C



45183B

Triad

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



2E224C



422100



00332C

Complementary

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



2E224C



404C22

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.



003217



2E224C



312900

Square

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



2E224C



4C1812



1B2F00



003341

Rectangle

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



2E224C



4D142E



1B2F00



003325

Sweetspot

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



2E224C



575363



22404C



2C2933



B3B3B3



333333

Same Dimension

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



2E224C



352263



43224C



242226



1D0066



4200E6

Inverse Universe

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



4C2240



632251



2B4C22



262225



660049



E600A4

Previews

White Background



This preview shows how the Hex color 2E224C 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



This preview shows how the Hex color 2E224C looks on a 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 2E224C Background



This preview shows how black text looks on a background with the Hex color 2E224C.



This preview shows how white text looks on a background with the Hex color 2E224C.

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](#).

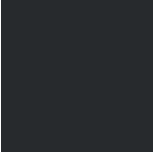
Dichromacy



Original Color
2E224C

Protanopia
0E2853

Deuteranopia
0B2A4A



Tritanopia

272A2D

Trichromacy



Original Color

2E224C

Protanomaly

1A2650

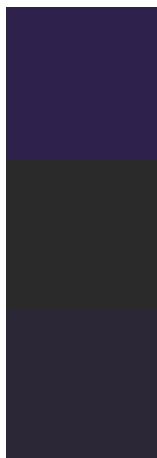
Deuteranomaly

18274B

Tritanomaly

2A2738

Monochromacy



Original Color

2E224C

Achromatopsia

2A2A2A

Achromatomaly

2B2736

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E224C 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 #2E224C looks like.

```
.text, #text, p{  
    color:#2E224C  
}
```

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 #2E224C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E224C
}
```

Border

The CSS property to change the border of an element to Hex 2E224C 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
#2E224C }
```

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

```
.border{ border-color:#2E224C }
```

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

Here you see how a box with a 4 pixel #2E224C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E224C; -webkit-box-shadow:4px 4px  
4px 4px #2E224C; box-shadow:4px 4px 4px  
4px #2E224C }
```

Background

The CSS property to change the background color of an element to Hex 2E224C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E224C }
```

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

```
.background{ background-color:#2E224C }
```

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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