

Converting Colors

Hex(2E4375)

Have a look what the booklet for
Hex(2E4375) contains.

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Color

Hex(2E4375)

Conversions

Conversions Part 1

Format	Color
Hex	2E4375
RGB	46, 67, 117
RGB Percent	18%, 26%, 46%
CMY	0.8196, 0.7373, 0.5412
CMYK	0.61, 0.43, 0.00, 0.54
HSL	222°, 44%, 32%
HSV	222°, 61%, 46%
XYZ	6.3448, 5.8795, 17.6301
YIQ	66.4210, -28.5660, 11.0980

Conversions

Conversions Part 2

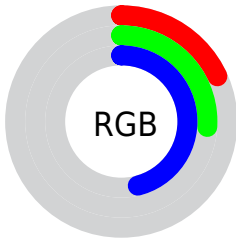
Format	Color
R_{YB}	46, 62, 117
Decimal	3031925
CIE _{Lab}	29.11, 8.40, -31.24
CIE _{LCh}	29, 32.350, 285.058
Yxy	5.8795, 0.2125, 0.1969
Android (android.graphics.Color)	4281222005 (0xFF2E4375)
YUV	66.4210, 24.9354, -17.9092
Hunter-Lab	24.2477, 4.2736, -26.1353

Details

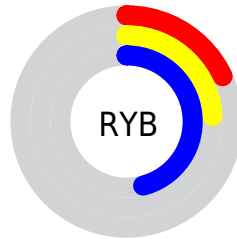
The Hex color **2E4375** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **75602E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6273A9**, and **001944** is the 20% darker color. If you saturate the color by 10%, you get **223B75**, and if you desaturate by 10%, it is **3A4B75**.

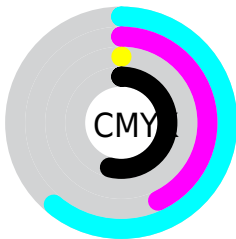
Distribution



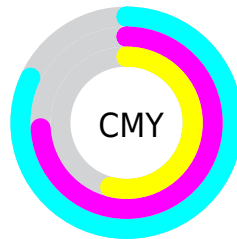
- Red (18%)
- Green (26%)
- Blue (46%)



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



- Cyan (61%)
- Magenta (43%)
- Yellow (0%)
- Black (54%)



- Cyan (82%)
- Magenta (74%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4375 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 2E4375 by changing the saturation by 10% instead.

■ 2E4375

■ 2E4375

FFFFFF

■ 102D5C

■ 6273A9

■ 001944

■ 7D8CC5

■ 00002E

■ 98A6E1

■ 000118

■ B3C2FE

■ 000000

■ CFDDFF

■ ECFAFF

■ 2E4375

■ 2E4375

■ 223B75

■ 3A4B75

■ 173375

■ 455375

■ 0B2A75

■ 515C75

■ 002375

■ 5D6475

■ 686C75

■ 747475

■ 807D75

■ 8C8575

■ 978D75

Harmonies

Analogous

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



004B75



2E4375



563968

Triad

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



2E4375



6C3522



005037

Complementary

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



2E4375



75602E

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.



2A4D1F



2E4375



5C3F12

Square

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



2E4375



732E39



464710



005151

Rectangle

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



2E4375



66325A



464710



094F2E

Sweetspot

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



2E4375



7D8699



2E7560



3C414D



CCCCCC



4D4D4D

Same Dimension

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



2E4375



294A99



3C2E75



35373B



00247A



004AFA

Inverse Universe

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



752E43



99294A



67752E



3B3537



7A0024



FA004A

Previews

White Background



This preview shows how the Hex color 2E4375 looks on a white background.

Color Contrast Check

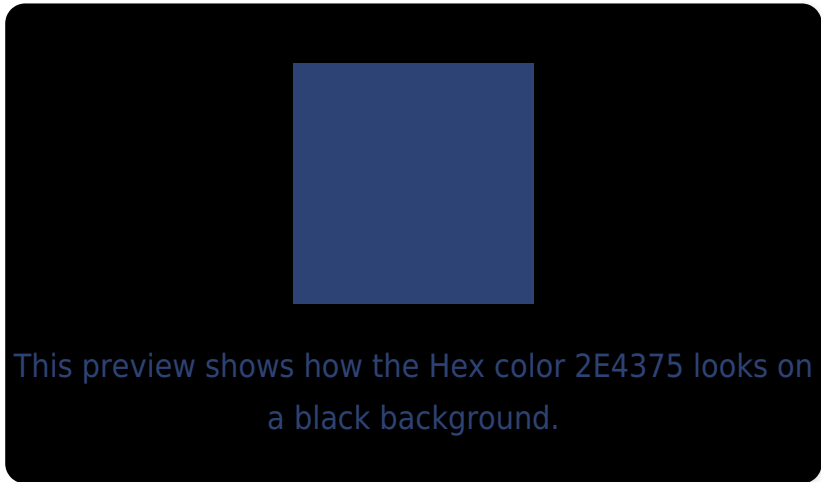
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E4375 Background



This preview shows how black text looks on a background with the Hex color 2E4375.



This preview shows how white text looks on a background with the Hex color 2E4375.

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

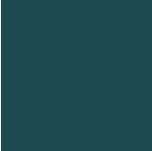
2E4375

Protanopia

2F4375

Deuteranopia

224574



Tritanopia
1D4B51

Trichromacy



Original Color
2E4375

Protanomaly
2F4375

Deuteranomaly
264474

Tritanomaly
23485E

Monochromacy



Original Color
2E4375

Achromatopsia
424242

Achromatomaly
3B4255

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4375 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 #2E4375 looks like.

```
.text, #text, p{  
    color:#2E4375  
}
```

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 #2E4375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4375
}
```

Border

The CSS property to change the border of an element to Hex 2E4375 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
#2E4375 }
```

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

```
.border{ border-color:#2E4375 }
```

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

Here you see how a box with a 4 pixel #2E4375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4375; -webkit-box-shadow:4px 4px  
4px 4px #2E4375; box-shadow:4px 4px 4px  
4px #2E4375 }
```

Background

The CSS property to change the background color of an element to Hex 2E4375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4375 }
```

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

```
.background{ background-color:#2E4375 }
```

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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