

Converting Colors

Hex(27445E)

Have a look what the booklet for
Hex(27445E) contains.

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Color

Hex(27445E)

Conversions

Conversions Part 1

Format	Color
Hex	27445E
RGB	39, 68, 94
RGB Percent	15%, 27%, 37%
CMY	0.8471, 0.7333, 0.6314
CMYK	0.59, 0.28, 0.00, 0.63
HSL	208°, 41%, 26%
HSV	208°, 59%, 37%
XYZ	4.9242, 5.3737, 11.3674
YIQ	62.2930, -25.6300, 1.9380

Conversions

Conversions Part 2

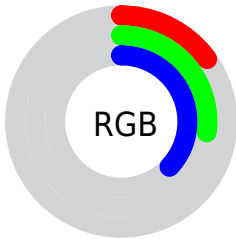
Format	Color
R_{YB}	39, 58, 94
Decimal	2573406
CIE _{Lab}	27.77, -2.29, -18.70
CIE _{LCh}	28, 18.840, 263.032
Yxy	5.3737, 0.2273, 0.2480
Android (android.graphics.Color)	4280763486 (0xFF27445E)
YUV	62.2930, 15.6316, -20.4280
Hunter-Lab	23.1813, -2.6501, -12.8470

Details

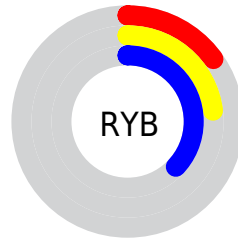
The Hex color **27445E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5E4127**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **597491**, and **001930** is the 20% darker color. If you saturate the color by 10%, you get **1E405E**, and if you desaturate by 10%, it is **30485E**.

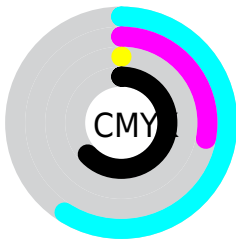
Distribution



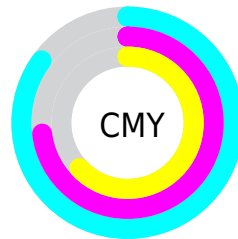
- Red (15%)
- Green (27%)
- Blue (37%)



- Red (15%)
- Yellow (23%)
- Blue (37%)



- Cyan (59%)
- Magenta (28%)
- Yellow (0%)
- Black (63%)



- Cyan (85%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27445E 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 27445E by changing the saturation by 10% instead.

■ 27445E

■ 27445E

FFFFFF

■ 0C2E46

■ 597491

■ 001930

■ 728DAB

■ 00011B

■ 8DA8C6

■ 000000

■ A8C3E2

■ C3DFFF

■ E0FCFF

■ FDFFFF

■ 27445E

■ 27445E

■ 1E405E

■ 30485E

■ 143B5E

■ 3A4D5E

■ 0B375E

■ 43515E

■ 01325E

■ 4D565E

■ 00325E

■ 565A5E

■ 5F5F5E

■ 69635E

■ 72685E

■ 7C6C5E

Harmonies

Analogous

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



0E4758



27445E



3E3F5C

Triad

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



27445E



5E3737



2F4730

Complementary

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



27445E



5E4127

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.



404426



27445E



593B2B

Square

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



27445E



5B3746



4E4025



1C493E

Rectangle

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



27445E



4B3C57



4E4025



35462C

Sweetspot

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



27445E



64707A



275E41



30373D



BDBDBD



3D3D3D

Same Dimension

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



27445E



25527A



27295E



292C2E



003A6E



007DED

Inverse Universe

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



5E2744



7A2552



5E5C27



2E292C



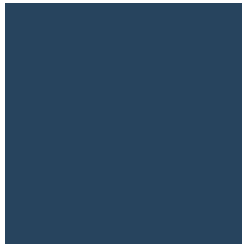
6E003A



ED007D

Previews

White Background



This preview shows how the Hex color 27445E 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

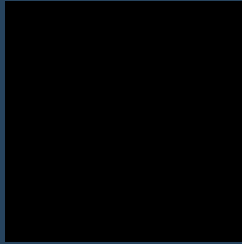
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

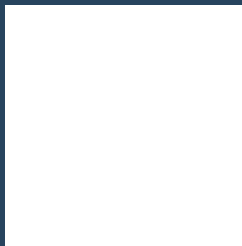
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 27445E Background



This preview shows how black text looks on a background with the Hex color 27445E.



This preview shows how white text looks on a background with the Hex color 27445E.

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

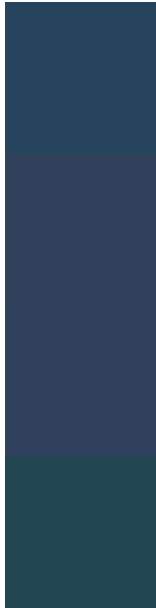


Original Color
27445E

Protanopia
39405B

Deuteranopia
36415F

Trichromacy



Original Color
27445E

Protanomaly
32415C

Deuteranomaly
31425F

Tritanomaly
234653

Monochromacy



Original Color
27445E

Achromatopsia
3E3E3E

Achromatomaly
36404A

CSS Examples

Text

The CSS property to change the color of the text to Hex 27445E 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 #27445E looks like.

```
.text, #text, p{  
    color:#27445E  
}
```

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 #27445E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27445E
}
```

Border

The CSS property to change the border of an element to Hex 27445E is called "border". The border property can be set on classes, ids or directly on the HTML element.

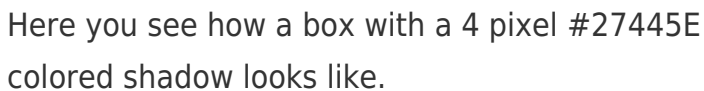
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27445E }
```

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

```
.border{ border-color:#27445E }
```

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



Here you see how a box with a 4 pixel #27445E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27445E; -webkit-box-shadow:4px 4px  
4px 4px #27445E; box-shadow:4px 4px 4px  
4px #27445E }
```

Background

The CSS property to change the background color of an element to Hex 27445E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27445E }
```

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

```
.background{ background-color:#27445E }
```

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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