

Converting Colors

Hex(27463B)

Have a look what the booklet for
Hex(27463B) contains.

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Color

Hex(27463B)

Conversions

Conversions Part 1

Format	Color
Hex	27463B
RGB	39, 70, 59
RGB Percent	15%, 27%, 23%
CMY	0.8471, 0.7255, 0.7686
CMYK	0.44, 0.00, 0.16, 0.73
HSL	159°, 28%, 21%
HSV	159°, 44%, 27%
XYZ	3.8163, 5.1274, 4.9262
YIQ	59.4770, -14.9450, -9.9930

Conversions

Conversions Part 2

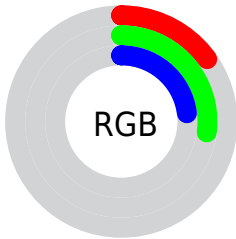
Format	Color
RYB	39, 58, 70
Decimal	2573883
CIELab	27.09, -14.54, 3.04
CIELCh	27, 14.854, 168.208
Yxy	5.1274, 0.2751, 0.3697
Android (android.graphics.Color)	4280763963 (0xFF27463B)
YUV	59.4770, -0.2352, -17.9583
Hunter-Lab	22.6438, -9.5431, 2.9520

Details

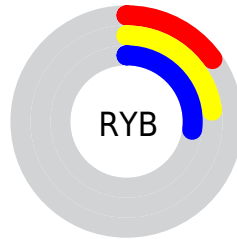
The Hex color **27463B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **462732**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **56776A**, and **001B11** is the 20% darker color. If you saturate the color by 10%, you get **204639**, and if you desaturate by 10%, it is **2E463D**.

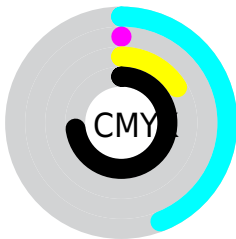
Distribution



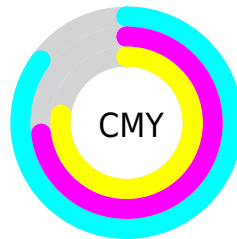
- Red (15%)
- Green (27%)
- Blue (23%)



- Red (15%)
- Yellow (23%)
- Blue (27%)



- Cyan (44%)
- Magenta (0%)
- Yellow (16%)
- Black (73%)



- Cyan (85%)
- Magenta (73%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27463B 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 27463B by changing the saturation by 10% instead.



27463B



27463B

FFFFFF



112F25



56776A



001B11



6F9083



000000



88AB9D



A3C6B8



BEE2D4



DAFFF0



F7FFFF



27463B



27463B

■ 204639

■ 2E463D

■ 194636

■ 354640

■ 124634

■ 3C4642

■ 0B4631

■ 434645

■ 04462F

■ 4A4647

■ 00462D

■ 51464A

■ 58464C

■ 5F464F

■ 664651

Harmonies

Analogous

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



344431



27463B



1D4647

Triad

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



27463B



3B3F55



543A30

Complementary

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



27463B



462732

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.



573839



27463B



4A3B4F

Square

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



27463B



2B4256



543845



4C3E2A

Rectangle

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



27463B



1C464E



543845



563933

Sweetspot

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



27463B



505C58



324627



272E2B



ADADAD



2E2E2E

Same Dimension

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



27463B



2B5C4B



274246



202422



006340



00E392

Inverse Universe

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



462732



5C2B3C



462B27



242021



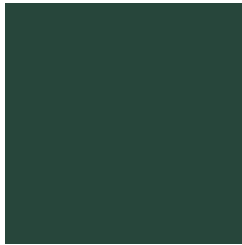
630023



E30051

Previews

White Background



This preview shows how the Hex color 27463B looks on a white background.

Color Contrast Check

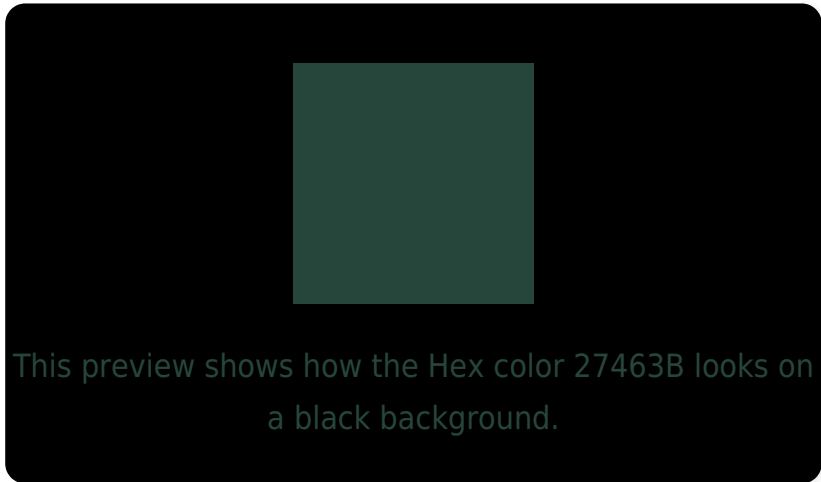
Large Text (above 18pt) WCAG AA ✓ Pass

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

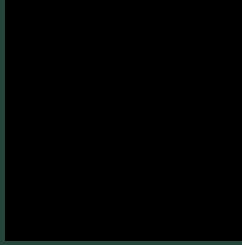
Any Text WCAG AA × Fail

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 27463B Background



This preview shows how black text looks on a background with the Hex color 27463B.



This preview shows how white text looks on a background with the Hex color 27463B.

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
27463B

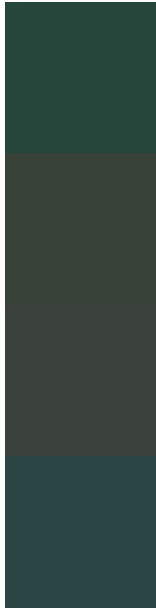
Protanopia
434038

Deuteranopia
473E3D



Tritanopia
2B4449

Trichromacy



Original Color
27463B

Protanomaly
394239

Deuteranomaly
3B413C

Tritanomaly
2A4544

Monochromacy



Original Color
27463B

Achromatopsia
3B3B3B

Achromatomaly
343F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 27463B 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 #27463B looks like.

```
.text, #text, p{  
    color:#27463B  
}
```

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 #27463B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27463B
}
```

Border

The CSS property to change the border of an element to Hex 27463B 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".

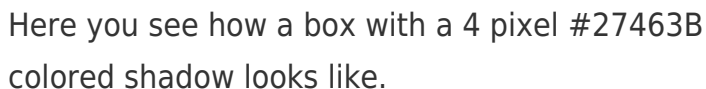
```
.border, #border, table{ border:4px solid
#27463B }
```

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

```
.border{ border-color:#27463B }
```

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

Here you see how a box with a 4 pixel #27463B colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27463B; -webkit-box-shadow:4px 4px  
4px 4px #27463B; box-shadow:4px 4px 4px  
4px #27463B }
```

Background

The CSS property to change the background color of an element to Hex 27463B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27463B }
```

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

```
.background{ background-color:#27463B }
```

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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