

Converting Colors

Hex(26276E)

Have a look what the booklet for
Hex(26276E) contains.

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Color

Hex(26276E)

Conversions

Conversions Part 1

Format	Color
Hex	26276E
RGB	38, 39, 110
RGB Percent	15%, 15%, 43%
CMY	0.8510, 0.8471, 0.5686
CMYK	0.65, 0.65, 0.00, 0.57
HSL	239°, 49%, 29%
HSV	239°, 65%, 43%
XYZ	4.3393, 2.9889, 15.1001
YIQ	46.7950, -23.3870, 21.8690

Conversions

Conversions Part 2

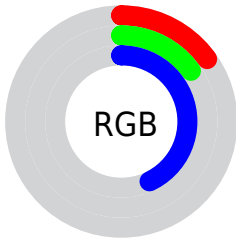
Format	Color
R_{YB}	38, 39, 110
Decimal	2500462
CIE _{Lab}	20.00, 23.53, -41.45
CIE _{LCh}	20, 47.669, 299.583
Yxy	2.9889, 0.1935, 0.1333
Android (android.graphics.Color)	4280690542 (0xFF26276E)
YUV	46.7950, 31.1601, -7.7132
Hunter-Lab	17.2884, 14.5480, -39.6832

Details

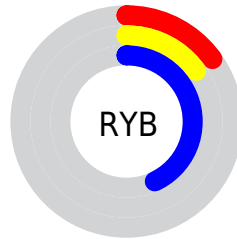
The Hex color **26276E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E6D26**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5C54A2**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **1B1C6E**, and if you desaturate by 10%, it is **31326E**.

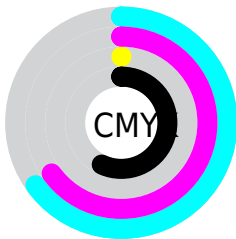
Distribution



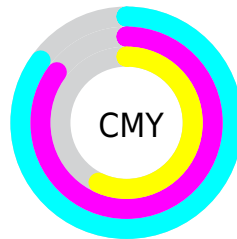
- Red (15%)
- Green (15%)
- Blue (43%)



- Red (15%)
- Yellow (15%)
- Blue (43%)



- Cyan (65%)
- Magenta (65%)
- Yellow (0%)
- Black (57%)



- Cyan (85%)
- Magenta (85%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26276E 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 26276E by changing the saturation by 10% instead.

■ 26276E

■ 26276E

FFFFFF

■ 021355

■ 5C54A2

■ 00003E

■ 776CBE

■ 000327

■ 9286DA

■ 000110

■ ADA0F6

■ 000000

■ CABBF

■ E6D7FF

■ FFF3FF

■ 26276E

■ 26276E

■ 1B1C6E

■ 31326E

■ 10116E

■ 3C3D6E

■ 05066E

■ 47486E

■ 00026E

■ 52526E

■ 5D5D6E

■ 68686E

■ 73736E

■ 7E7E6E

■ 89896E

Harmonies

Analogous

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



003577



26276E



580D54

Triad

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



26276E



571F00



003E2F

Complementary

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



26276E



6E6D26

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.



003C07



26276E



3D2F00

Square

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



26276E



680110



1A3800



003E52

Rectangle

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



26276E



66003E



1A3800



003E23

Sweetspot

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



26276E



72738F



266E6D



363747



C7C7C7



474747

Same Dimension

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



26276E



1E208F



49266E



323338



000278



0003F7

Inverse Universe

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



6E2627



8F1E20



4B6E26



383233



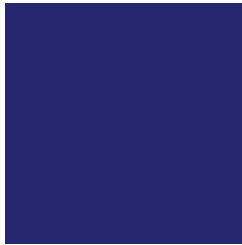
780002



F70003

Previews

White Background



This preview shows how the Hex color 26276E looks on a white background.

Color Contrast Check

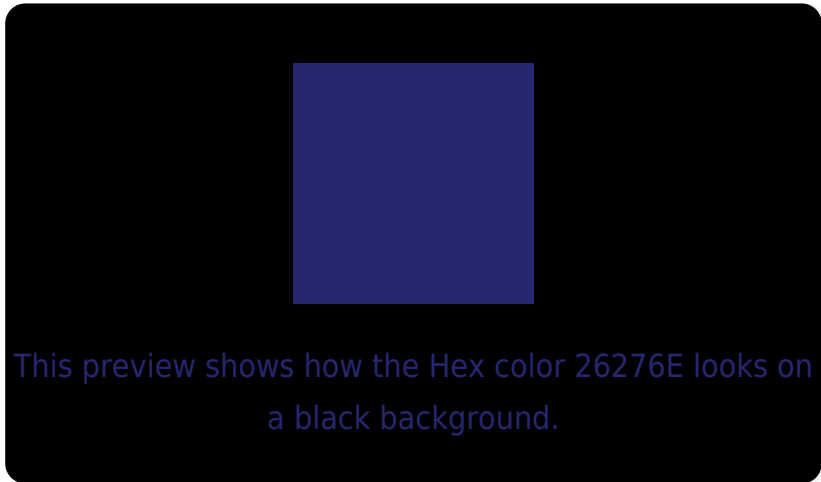
Large Text (above 18pt) WCAG AA ✓ Pass

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

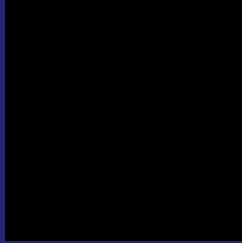
Any Text WCAG AA × Fail

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 26276E Background



This preview shows how black text looks on a background with the Hex color 26276E.



This preview shows how white text looks on a background with the Hex color 26276E.

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
26276E

Protanopia
002F63

Deuteranopia
003255



Tritanopia
00363A

Trichromacy



Original Color
26276E

Protanomaly
0E2C67

Deuteranomaly
0E2E5E

Tritanomaly
0E314D

Monochromacy



Original Color
26276E

Achromatopsia
2F2F2F

Achromatomaly
2C2C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 26276E 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 #26276E looks like.

```
.text, #text, p{  
    color:#26276E  
}
```

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 #26276E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26276E
}
```

Border

The CSS property to change the border of an element to Hex 26276E 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".

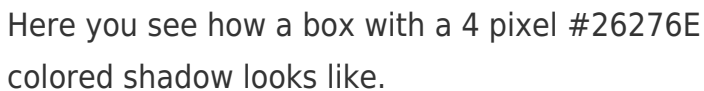
```
.border, #border, table{ border:4px solid
#26276E }
```

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

```
.border{ border-color:#26276E }
```

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

Here you see how a box with a 4 pixel #26276E colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26276E; -webkit-box-shadow:4px 4px  
4px 4px #26276E; box-shadow:4px 4px 4px  
4px #26276E }
```

Background

The CSS property to change the background color of an element to Hex 26276E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26276E }
```

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

```
.background{ background-color:#26276E }
```

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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