

Converting Colors

Hex(25276B)

Have a look what the booklet for
Hex(25276B) contains.

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Color

Hex(25276B)

Conversions

Conversions Part 1

Format	Color
Hex	25276B
RGB	37, 39, 107
RGB Percent	15%, 15%, 42%
CMY	0.8549, 0.8471, 0.5804
CMYK	0.65, 0.64, 0.00, 0.58
HSL	238°, 49%, 28%
HSV	238°, 65%, 42%
XYZ	4.1423, 2.9059, 14.2525
YIQ	46.1540, -23.0200, 20.7240

Conversions

Conversions Part 2

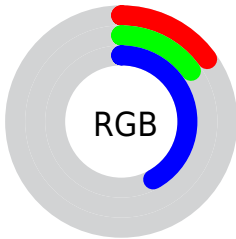
Format	Color
R_{YB}	37, 39, 107
Decimal	2434923
CIE _{Lab}	19.66, 22.24, -40.06
CIE _{LCh}	20, 45.818, 299.033
Yxy	2.9059, 0.1945, 0.1364
Android (android.graphics.Color)	4280625003 (0xFF25276B)
YUV	46.1540, 29.9971, -8.0281
Hunter-Lab	17.0467, 13.5435, -37.6389




Details

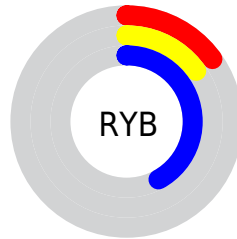
The Hex color **25276B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6B6925**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **5A549F**, and **00003B** is the 20% darker color. If you saturate the color by 10%, you get **1A1D6B**, and if you desaturate by 10%, it is **30316B**.

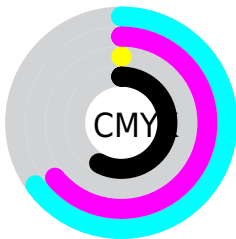
Distribution







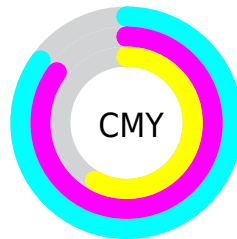
-  Red (15%)
-  Green (15%)
-  Blue (42%)






-  Red (15%)
-  Yellow (15%)
-  Blue (42%)



-  Cyan (65%)
-  Magenta (64%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (85%)
-  Magenta (85%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25276B 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 25276B by changing the saturation by 10% instead.

■ 25276B

■ 25276B

FFFFFF

■ 021352

■ 5A549F

■ 00003B

■ 756CBA

■ 000224

■ 9086D6

■ 00000C

■ ACA0F3

■ 000000

■ C8BBFF

■ E4D7FF

■ FFF3FF

■ 25276B

■ 25276B

■ 1A1D6B

■ 30316B

■ 10126B

■ 3A3C6B

■ 05086B

■ 45466B

■ 00036B

■ 50516B

■ 5A5B6B

■ 65656B

■ 70706B

■ 7B7A6B

■ 85856B

Harmonies

Analogous

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



003574



25276B



551053

Triad

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



25276B



561F00



003D2E

Complementary

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



25276B



6B6925

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.



003B08



25276B



3D2E00

Square

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



25276B



650411



1C3700



003D4F

Rectangle

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



25276B



63003D



1C3700



003C22

Sweetspot

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



25276B



70718C



256B69



363747



C7C7C7



474747

Same Dimension

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



25276B



1D218C



46256B



303036



000375



0007F5

Inverse Universe

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



6B2527



8C1D21



4A6B25



363030



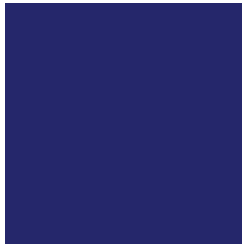
750003



F50007

Previews

White Background



This preview shows how the Hex color 25276B looks on a white background.

Color Contrast Check

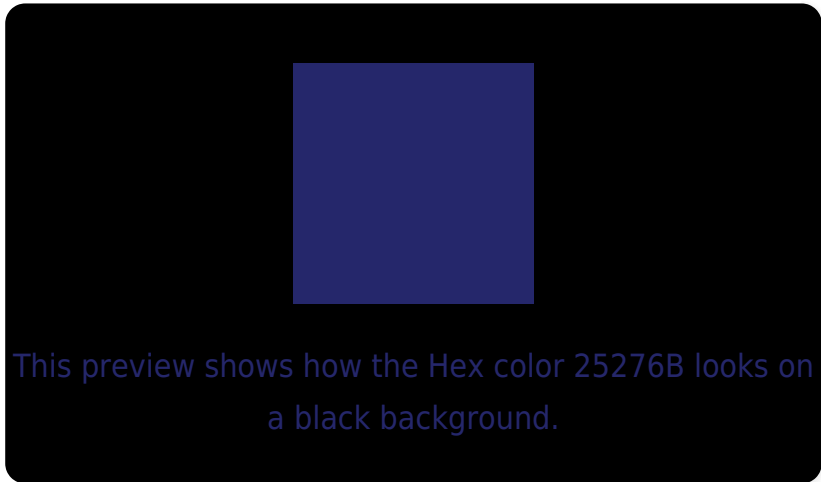
Large Text (above 18pt) WCAG AA ✓ Pass

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

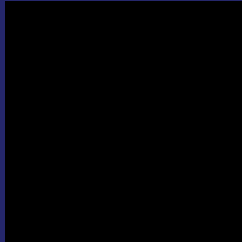
Any Text WCAG AA × Fail

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 25276B Background



This preview shows how black text looks on a background with the Hex color 25276B.



This preview shows how white text looks on a background with the Hex color 25276B.

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
25276B

Protanopia
002E62

Deuteranopia
003154

Trichromacy



Original Color
25276B

Protanomaly
0D2B65

Deuteranomaly
0D2D5C

Tritanomaly
0D304B

Monochromacy



Original Color
25276B

Achromatopsia
2E2E2E

Achromatomaly
2B2B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 25276B 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 #25276B looks like.

```
.text, #text, p{  
    color:#25276B  
}
```

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 #25276B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25276B
}
```

Border

The CSS property to change the border of an element to Hex 25276B 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".

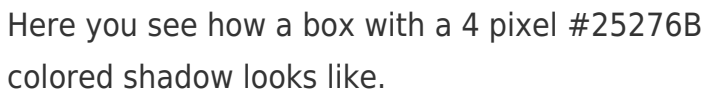
```
.border, #border, table{ border:4px solid
#25276B }
```

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

```
.border{ border-color:#25276B }
```

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

Here you see how a box with a 4 pixel #25276B 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 #25276B; -webkit-box-shadow:4px 4px  
4px 4px #25276B; box-shadow:4px 4px 4px  
4px #25276B }
```

Background

The CSS property to change the background color of an element to Hex 25276B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25276B }
```

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

```
.background{ background-color:#25276B }
```

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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