

Converting Colors

Hex(24275B)

Have a look what the booklet for
Hex(24275B) contains.

Hex(24275B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(24275B)

Conversions

Conversions Part 1

Format	Color
Hex	24275B
RGB	36, 39, 91
RGB Percent	14%, 15%, 36%
CMY	0.8588, 0.8471, 0.6431
CMYK	0.60, 0.57, 0.00, 0.64
HSL	237°, 43%, 25%
HSV	237°, 60%, 36%
XYZ	3.3414, 2.5814, 10.2197
YIQ	44.0310, -18.4800, 15.5360

Conversions

Conversions Part 2

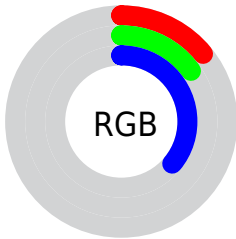
Format	Color
R_{YB}	36, 39, 91
Decimal	2369371
CIE _{Lab}	18.28, 16.02, -31.78
CIE _{LCh}	18, 35.593, 296.755
Yxy	2.5814, 0.2070, 0.1599
Android (android.graphics.Color)	4280559451 (0xFF24275B)
YUV	44.0310, 23.1557, -7.0432
Hunter-Lab	16.0669, 9.0054, -26.4660




Details

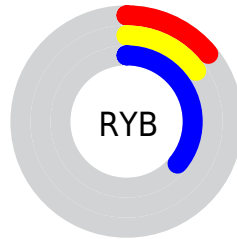
The Hex color **24275B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B5824**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **56548E**, and **00002D** is the 20% darker color. If you saturate the color by 10%, you get **1B1E5B**, and if you desaturate by 10%, it is **2D305B**.

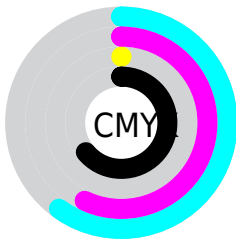
Distribution







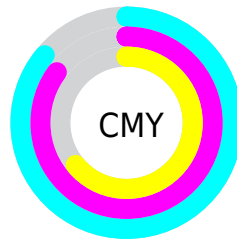
-  Red (14%)
-  Green (15%)
-  Blue (36%)






-  Red (14%)
-  Yellow (15%)
-  Blue (36%)



-  Cyan (60%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (86%)
-  Magenta (85%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24275B 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 24275B by changing the saturation by 10% instead.



24275B



24275B

FFFFFF



071343



56548E



00002D



706CA8



000117



8A85C4



000000



A59FE0



C1BAFD



DDD6FF



FAF2FF



24275B



24275B

■ 1B1E5B

■ 2D305B

■ 12165B

■ 36385B

■ 090D5B

■ 3F415B

■ 00055B

■ 48495B

■ 52525B

■ 5B5B5B

■ 64635B

■ 6D6C5B

■ 76745B

Harmonies

Analogous

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



003160



24275B



481949

Triad

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



24275B



4D1F00



003829

Complementary

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



24275B



5B5824

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.



00360E



24275B



3B2B00

Square

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



24275B



581217



233200



003843

Rectangle

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



24275B



541139



233200



003720

Sweetspot

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



24275B



606175



245B57



2E2E3B



BABABA



3B3B3B

Same Dimension

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



24275B



202475



3C245B



292A2E



00066E



000DED

Inverse Universe

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



5B2427



752024



435B24



2E292A



6E0006



ED000D

Previews

White Background



This preview shows how the Hex color 24275B looks on a white background.

Color Contrast Check

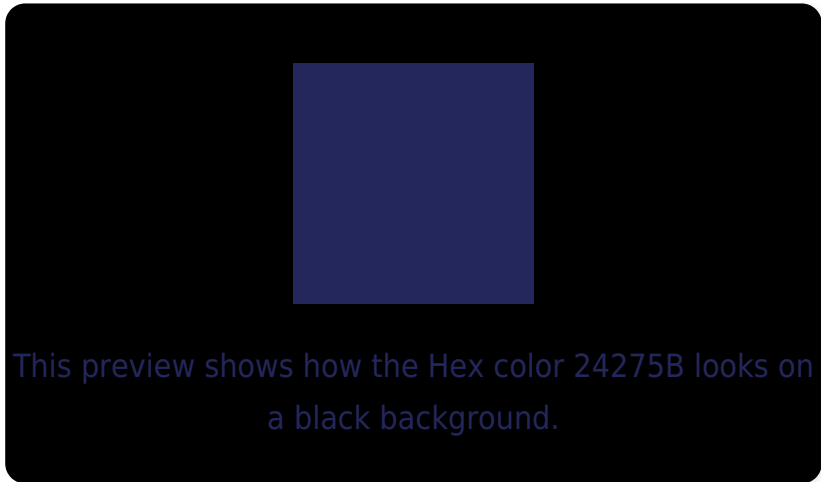
Large Text (above 18pt) WCAG AA ✓ Pass

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

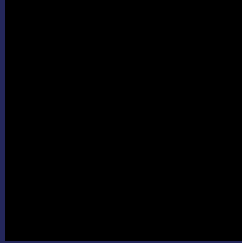
Any Text WCAG AA × Fail

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 24275B Background



This preview shows how black text looks on a background with the Hex color 24275B.



This preview shows how white text looks on a background with the Hex color 24275B.

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](#).

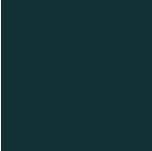
Dichromacy



Original Color
24275B

Protanopia
002B5C

Deuteranopia
002E50



Tritanopia
123135

Trichromacy



Original Color
24275B

Protanomaly
0D2A5C

Deuteranomaly
0D2B54

Tritanomaly
192D43

Monochromacy



Original Color
24275B

Achromatopsia
2C2C2C

Achromatomaly
292A3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 24275B 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 #24275B looks like.

```
.text, #text, p{  
    color:#24275B  
}
```

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 #24275B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24275B
}
```

Border

The CSS property to change the border of an element to Hex 24275B is called "border". The border property can be set on classes, ids or directly on the HTML element.

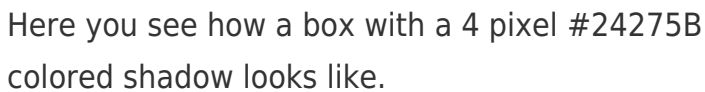
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24275B }
```

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

```
.border{ border-color:#24275B }
```

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



Here you see how a box with a 4 pixel #24275B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24275B; -webkit-box-shadow:4px 4px  
4px 4px #24275B; box-shadow:4px 4px 4px  
4px #24275B }
```

Background

The CSS property to change the background color of an element to Hex 24275B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24275B }
```

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

```
.background{ background-color:#24275B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor