

Converting Colors

Hex(24425B)

Have a look what the booklet for
Hex(24425B) contains.

Hex(24425B)	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(24425B)

Conversions

Conversions Part 1

Format	Color
Hex	24425B
RGB	36, 66, 91
RGB Percent	14%, 26%, 36%
CMY	0.8588, 0.7412, 0.6431
CMYK	0.60, 0.27, 0.00, 0.64
HSL	207°, 43%, 25%
HSV	207°, 60%, 36%
XYZ	4.5641, 5.0268, 10.6273
YIQ	59.8800, -25.9050, 1.4150

Conversions

Conversions Part 2

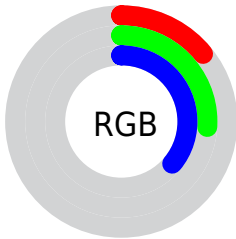
Format	Color
R_{YB}	36, 55, 91
Decimal	2376283
CIE _{Lab}	26.81, -2.79, -18.27
CIE _{LCh}	27, 18.484, 261.306
Yxy	5.0268, 0.2257, 0.2486
Android (android.graphics.Color)	4280566363 (0xFF24425B)
YUV	59.8800, 15.3422, -20.9428
Hunter-Lab	22.4206, -2.8993, -12.4088

Details

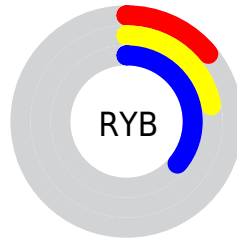
The Hex color **24425B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5B3D24**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **56728D**, and **00182D** is the 20% darker color. If you saturate the color by 10%, you get **1B3E5B**, and if you desaturate by 10%, it is **2D465B**.

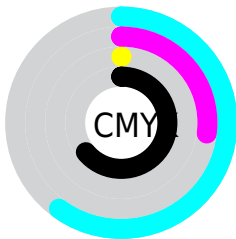
Distribution



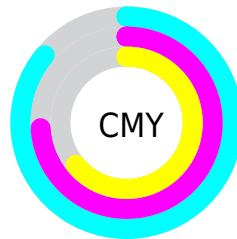
- Red (14%)
- Green (26%)
- Blue (36%)



- Red (14%)
- Yellow (22%)
- Blue (36%)



- Cyan (60%)
- Magenta (27%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24425B 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 24425B by changing the saturation by 10% instead.

■ 24425B

■ 24425B

FFFFFF

■ 082C43

■ 56728D

■ 00182D

■ 6F8BA8

■ 000119

■ 89A6C3

■ 000000

■ A4C1DF

■ C0DCFC

■ DCF9FF

■ F9FFFF

■ 24425B

■ 24425B

■ 1B3E5B

■ 2D465B

■ 123A5B

■ 364A5B

■ 09365B

■ 3F4E5B

■ 00325B

■ 48535B

■ 52575B

■ 5B5B5B

■ 645F5B

■ 6D635B

■ 76675B

Harmonies

Analogous

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



0C4555



24425B



3B3D5A

Triad

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



24425B



5B3536



2E452D

Complementary

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



24425B



5B3D24

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.



3F4225



24425B



57382A

Square

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



24425B



583544



4C3D23



1C473B

Rectangle

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



24425B



483A55



4C3D23



34442A

Sweetspot

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



24425B



606C75



245B3D



2E353B



BABABA



3B3B3B

Same Dimension

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



24425B



204E75



24275B



292C2E



003C6E



0081ED

Inverse Universe

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



5B2442



75204E



5B5824



2E292C



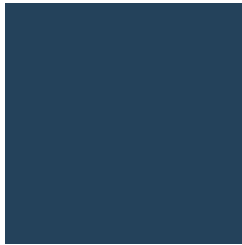
6E003C



ED0081

Previews

White Background



This preview shows how the Hex color 24425B looks on a white background.

Color Contrast Check

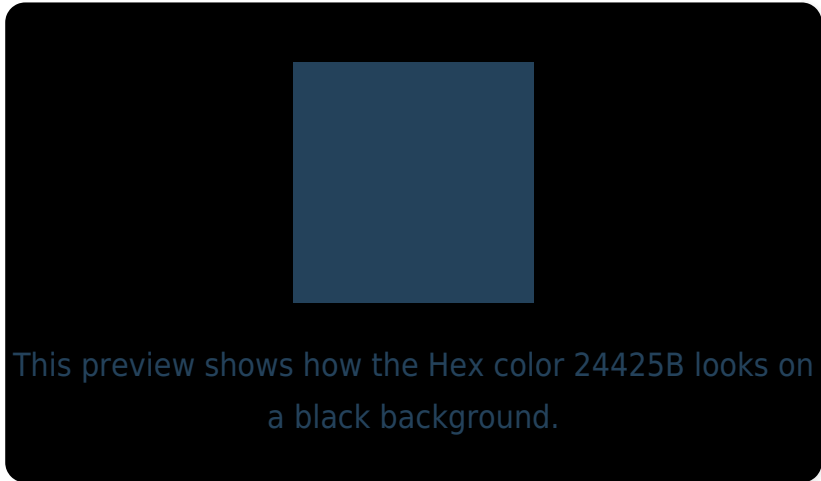
Large Text (above 18pt) WCAG AA ✓ Pass

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

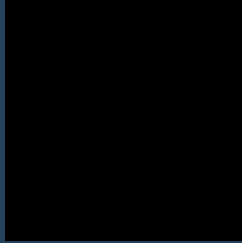
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

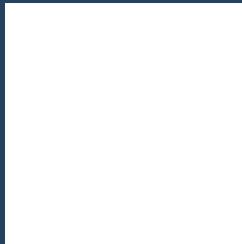
Any Text WCAG AAA × Fail

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

Hex 24425B Background



This preview shows how black text looks on a background with the Hex color 24425B.



This preview shows how white text looks on a background with the Hex color 24425B.

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
24425B

Protanopia
373E58

Deuteranopia
343F5C



Tritanopia
1D454B

Trichromacy



Original Color
24425B

Protanomaly
303F59

Deuteranomaly
2E405C

Tritanomaly
204451

Monochromacy



Original Color
24425B

Achromatopsia
3C3C3C

Achromatomaly
333E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 24425B 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 #24425B looks like.

```
.text, #text, p{  
    color:#24425B  
}
```

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 #24425B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24425B
}
```

Border

The CSS property to change the border of an element to Hex 24425B 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
#24425B }
```

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

```
.border{ border-color:#24425B }
```

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

Here you see how a box with a 4 pixel #24425B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24425B; -webkit-box-shadow:4px 4px  
4px 4px #24425B; box-shadow:4px 4px 4px  
4px #24425B }
```

Background

The CSS property to change the background color of an element to Hex 24425B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24425B }
```

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

```
.background{ background-color:#24425B }
```

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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