

Converting Colors

Hex(24405C)

Have a look what the booklet for
Hex(24405C) contains.

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Color

Hex(24405C)

Conversions

Conversions Part 1

Format	Color
Hex	24405C
RGB	36, 64, 92
RGB Percent	14%, 25%, 36%
CMY	0.8588, 0.7490, 0.6392
CMYK	0.61, 0.30, 0.00, 0.64
HSL	210°, 44%, 25%
HSV	210°, 61%, 36%
XYZ	4.4927, 4.8146, 10.8177
YIQ	58.8200, -25.6760, 2.7720

Conversions

Conversions Part 2

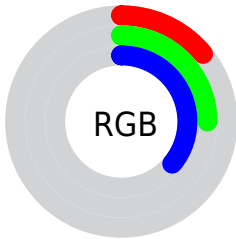
Format	Color
R_{YB}	36, 55, 92
Decimal	2375772
CIE _{Lab}	26.20, -1.11, -19.87
CIE _{LCh}	26, 19.904, 266.798
Yxy	4.8146, 0.2232, 0.2392
Android (android.graphics.Color)	4280565852 (0xFF24405C)
YUV	58.8200, 16.3577, -20.0131
Hunter-Lab	21.9421, -1.8503, -13.8712

Details

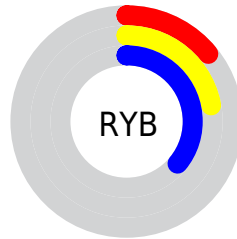
The Hex color **24405C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C4024**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **56708E**, and **00162E** is the 20% darker color. If you saturate the color by 10%, you get **1B3B5C**, and if you desaturate by 10%, it is **2D455C**.

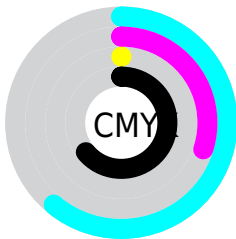
Distribution



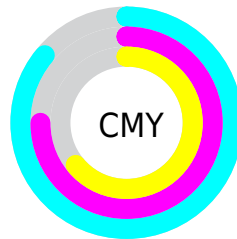
- Red (14%)
- Green (25%)
- Blue (36%)



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



- Cyan (61%)
- Magenta (30%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24405C 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 24405C by changing the saturation by 10% instead.

■ 24405C

■ 24405C

FFFFFF

■ 082A44

■ 56708E

■ 00162E

■ 6F89A9

■ 000119

■ 8AA3C4

■ 000000

■ A4BEE0

■ C0DAFD

■ DCF6FF

■ F9FFFF

■ 24405C

■ 24405C

■ 1B3B5C

■ 2D455C

■ 12375C

■ 36495C

■ 08325C

■ 404E5C

■ 002E5C

■ 49525C

■ 52575C

■ 5B5C5C

■ 64605C

■ 6E655C

■ 77695C

Harmonies

Analogous

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



024457



24405C



3D3B59

Triad

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



24405C



5B3331



28442D

Complementary

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



24405C



5C4024

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.



3A4122



24405C



553725

Square

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



24405C



593240



493D1F



12463C

Rectangle

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



24405C



4A3753



493D1F



2E4329

Sweetspot

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



24405C



626D78



245C40



30363D



BDBDBD



3D3D3D

Same Dimension

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



24405C



204C78



24245C



292C2E



00376E



0077ED

Inverse Universe

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



5C2440



78204C



5C5C24



2E292C



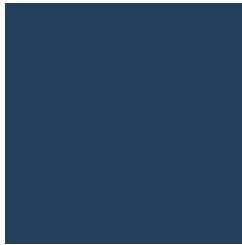
6E0037



ED0077

Previews

White Background



This preview shows how the Hex color 24405C looks on a white background.

Color Contrast Check

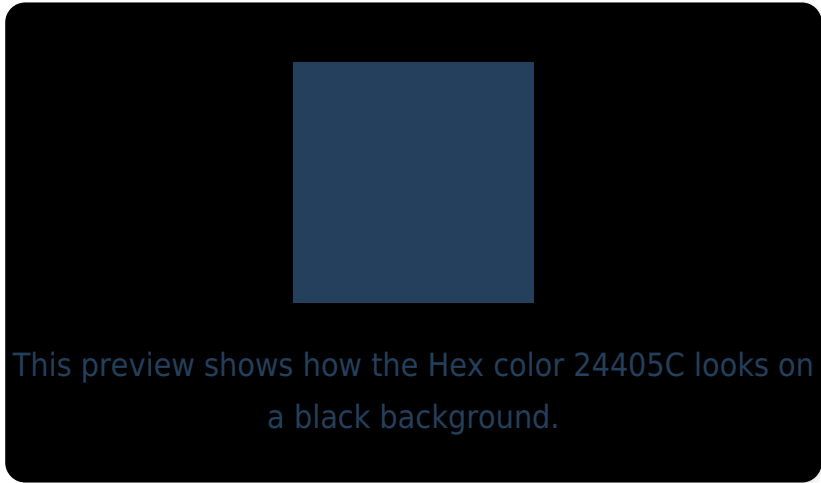
Large Text (above 18pt) WCAG AA ✓ Pass

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

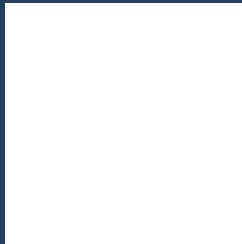
Any Text WCAG AAA × Fail

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

Hex 24405C Background



This preview shows how black text looks on a background with the Hex color 24405C.



This preview shows how white text looks on a background with the Hex color 24405C.

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](#).

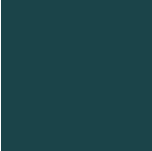
Dichromacy



Original Color
24405C

Protanopia
353D59

Deuteranopia
303E5D



Tritanopia
1B4449

Trichromacy



Original Color
24405C

Protanomaly
2F3E5A

Deuteranomaly
2C3F5D

Tritanomaly
1E4350

Monochromacy



Original Color
24405C

Achromatopsia
3B3B3B

Achromatomaly
333D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 24405C 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 #24405C looks like.

```
.text, #text, p{  
    color:#24405C  
}
```

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 #24405C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24405C
}
```

Border

The CSS property to change the border of an element to Hex 24405C 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
#24405C }
```

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

```
.border{ border-color:#24405C }
```

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

Here you see how a box with a 4 pixel #24405C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24405C; -webkit-box-shadow:4px 4px  
4px 4px #24405C; box-shadow:4px 4px 4px  
4px #24405C }
```

Background

The CSS property to change the background color of an element to Hex 24405C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24405C }
```

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

```
.background{ background-color:#24405C }
```

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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