

Converting Colors

Hex(24463C)

Have a look what the booklet for
Hex(24463C) contains.

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Color

Hex(24463C)

Conversions

Conversions Part 1

Format	Color
Hex	24463C
RGB	36, 70, 60
RGB Percent	14%, 27%, 24%
CMY	0.8588, 0.7255, 0.7647
CMYK	0.49, 0.00, 0.14, 0.73
HSL	162°, 32%, 21%
HSV	162°, 49%, 27%
XYZ	3.7333, 5.0816, 5.0591
YIQ	58.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

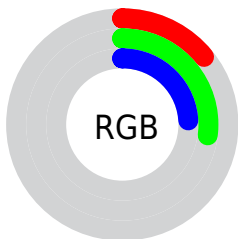
Format	Color
R_{YB}	36, 56, 70
Decimal	2377276
CIE _{Lab}	26.97, -15.24, 2.18
CIE _{LCh}	27, 15.390, 171.861
Yxy	5.0816, 0.2691, 0.3663
Android (android.graphics.Color)	4280567356 (0xFF24463C)
YUV	58.6940, 0.6439, -19.9026
Hunter-Lab	22.5425, -9.8874, 2.4737

Details

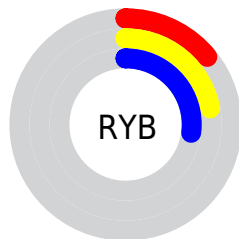
The Hex color **24463C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46242E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **53776B**, and **001B12** is the 20% darker color. If you saturate the color by 10%, you get **1D463A**, and if you desaturate by 10%, it is **2B463E**.

Distribution



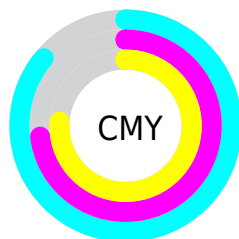
- Red (14%)
- Green (27%)
- Blue (24%)



- Red (14%)
- Yellow (22%)
- Blue (27%)



- Cyan (49%)
- Magenta (0%)
- Yellow (14%)
- Black (73%)



- Cyan (86%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24463C 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 24463C by changing the saturation by 10% instead.

■ 24463C

■ 24463C

FFFFFF

■ 0D2F26

■ 53776B

■ 001B12

■ 6C9084

■ 000000

■ 86AB9F

■ A0C6B9

■ BBE2D5

■ D7FFF1

■ F4FFFF

■ 24463C

■ 24463C

■ 1D463A

■ 2B463E

■ 164638

■ 324640

■ 0F4636

■ 394642

■ 084634

■ 404644

■ 014632

■ 474646

■ 004631

■ 4E4648

■ 55464A

■ 5C464C

■ 63464F

Harmonies

Analogous

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



324431



24463C



1A4648

Triad

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



24463C



3D3E55



543A2E

Complementary

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



24463C



46242E

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.



573738



24463C



4C3A4E

Square

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



24463C



2B4257



553743



4B3E29

Rectangle

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



24463C



1A454F



553743



553931

Sweetspot

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



24463C



4E5C58



2E4624



262E2B



ADADAD



2E2E2E

Same Dimension

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



24463C



275C4C



243F46



202423



006346



00E3A0

Inverse Universe

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



46242E



5C2736



462B24



242021



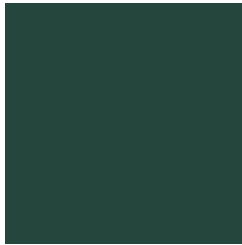
63001D



E30043

Previews

White Background



This preview shows how the Hex color 24463C looks on a white background.

Color Contrast Check

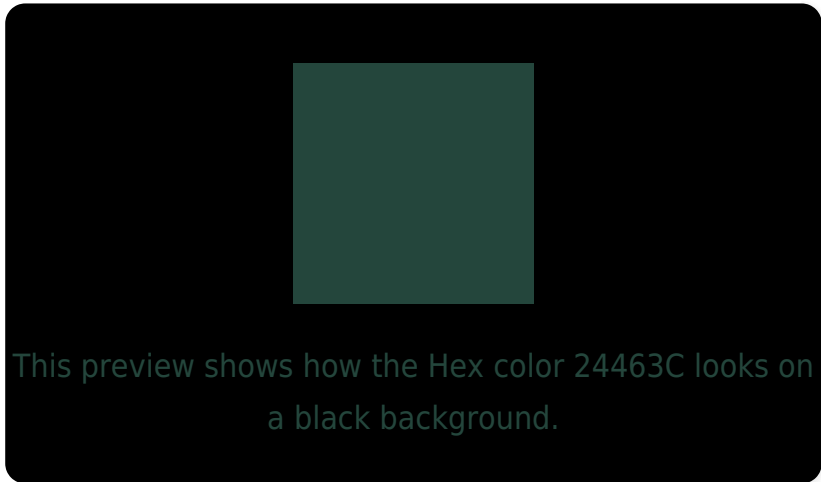
Large Text (above 18pt) WCAG AA ✓ Pass

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

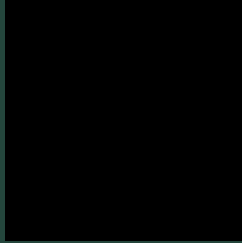
Any Text WCAG AA × Fail

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 24463C Background



This preview shows how black text looks on a background with the Hex color 24463C.



This preview shows how white text looks on a background with the Hex color 24463C.

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](#).

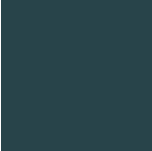
Dichromacy



Original Color
24463C

Protanopia
423F38

Deuteranopia
463D3E



Tritanopia
28444A

Trichromacy



Original Color
24463C

Protanomaly
374239

Deuteranomaly
3A403D

Tritanomaly
274545

Monochromacy



Original Color
24463C

Achromatopsia
3B3B3B

Achromatomaly
333F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 24463C 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 #24463C looks like.

```
.text, #text, p{  
    color:#24463C  
}
```

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 #24463C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24463C
}
```

Border

The CSS property to change the border of an element to Hex 24463C is called "border". The border property can be set on classes, ids or directly on the HTML element.

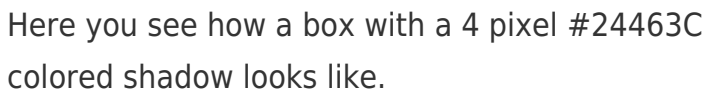
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24463C }
```

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

```
.border{ border-color:#24463C }
```

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



Here you see how a box with a 4 pixel #24463C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24463C; -webkit-box-shadow:4px 4px  
4px 4px #24463C; box-shadow:4px 4px 4px  
4px #24463C }
```

Background

The CSS property to change the background color of an element to Hex 24463C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24463C }
```

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

```
.background{ background-color:#24463C }
```

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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