

Converting Colors

Hex(24484B)

Have a look what the booklet for
Hex(24484B) contains.

Hex(24484B)	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(24484B)

Conversions

Conversions Part 1

Format	Color
Hex	24484B
RGB	36, 72, 75
RGB Percent	14%, 28%, 29%
CMY	0.8588, 0.7176, 0.7059
CMYK	0.52, 0.04, 0.00, 0.71
HSL	185°, 35%, 22%
HSV	185°, 52%, 29%
XYZ	4.3149, 5.5178, 7.4942
YIQ	61.5780, -22.4190, -6.6990

Conversions

Conversions Part 2

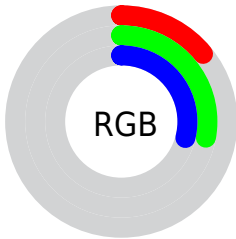
Format	Color
RYB	36, 55, 75
Decimal	2377803
CIELab	28.16, -11.99, -5.82
CIElCh	28, 13.325, 205.909
Yxy	5.5178, 0.2490, 0.3185
Android (android.graphics.Color)	4280567883 (0xFF24484B)
YUV	61.5780, 6.6170, -22.4319
Hunter-Lab	23.4900, -8.3185, -2.4728

Details

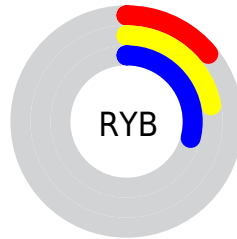
The Hex color **24484B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B2724**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **54797C**, and **001D1F** is the 20% darker color. If you saturate the color by 10%, you get **1D474B**, and if you desaturate by 10%, it is **2C494B**.

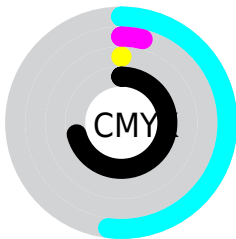
Distribution



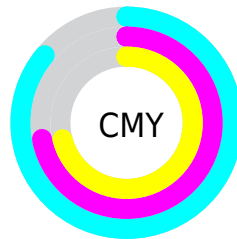
- Red (14%)
- Green (28%)
- Blue (29%)



- Red (14%)
- Yellow (22%)
- Blue (29%)



- Cyan (52%)
- Magenta (4%)
- Yellow (0%)
- Black (71%)



- Cyan (86%)
- Magenta (72%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24484B 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 24484B by changing the saturation by 10% instead.



24484B



24484B

FFFFFF



0B3134



54797C



001D1F



6D9295



000006



87ADB0



000000



A2C8CC



BDE4E8



D9FFFF



F6FFFF



24484B



24484B

■ 1D474B

■ 2C494B

■ 15474B

■ 33494B

■ 0E464B

■ 3B4A4B

■ 06464B

■ 424A4B

■ 00454B

■ 4A4B4B

■ 514B4B

■ 594C4B

■ 604D4B

■ 684D4B

Harmonies

Analogous

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



2A4841



24484B



284753

Triad

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



24484B



4E3D4E



4B412E

Complementary

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



24484B



4B2724

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.



533E32



24484B



563B44

Square

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



24484B



424055



573B3A



414530

Rectangle

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



24484B



2F4556



573B3A



4E402F

Sweetspot

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



24484B



516061



244B27



273030



B0B0B0



303030

Same Dimension

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



24484B



255C61



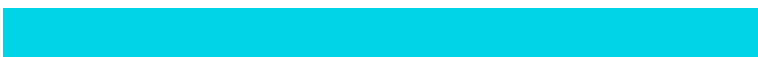
24354B



222626



005E66



00D4E6

Inverse Universe

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



4B2448



61255C



4B3A24



262226



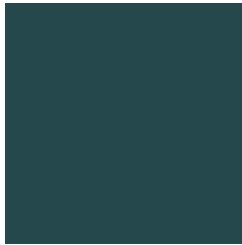
66005E



E600D4

Previews

White Background



This preview shows how the Hex color 24484B looks on a white background.

Color Contrast Check

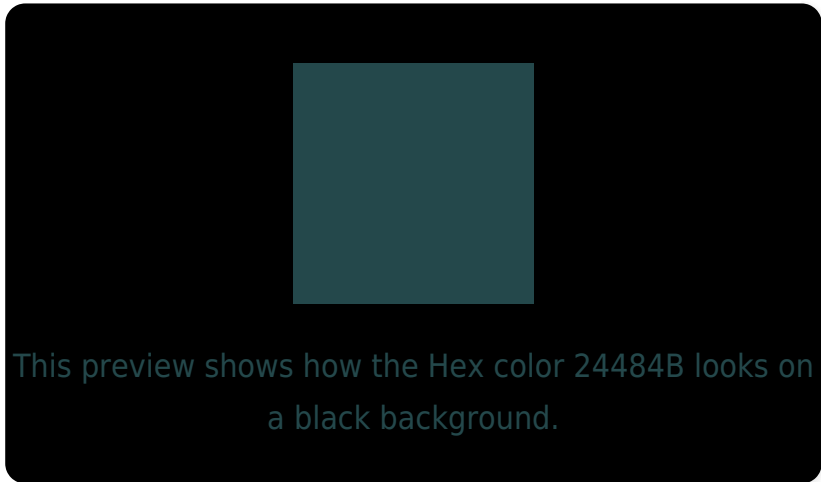
Large Text (above 18pt) WCAG AA ✓ Pass

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

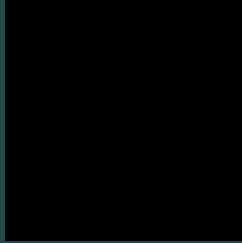
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

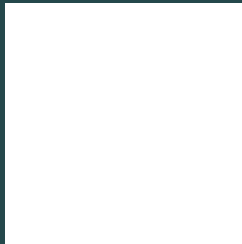
Any Text WCAG AAA × Fail

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

Hex 24484B Background



This preview shows how black text looks on a background with the Hex color 24484B.



This preview shows how white text looks on a background with the Hex color 24484B.

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](#).

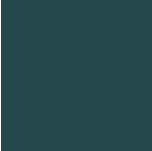
Dichromacy



Original Color
24484B

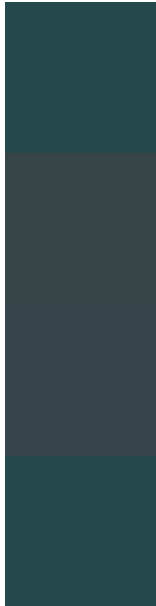
Protanopia
424247

Deuteranopia
44414D



Tritanopia
25484D

Trichromacy



Original Color
24484B

Protanomaly
374448

Deuteranomaly
38444C

Tritanomaly
25484C

Monochromacy



Original Color
24484B

Achromatopsia
3E3E3E

Achromatomaly
354243

CSS Examples

Text

The CSS property to change the color of the text to Hex 24484B 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 #24484B looks like.

```
.text, #text, p{  
    color:#24484B  
}
```

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 #24484B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24484B  
}
```

Border

The CSS property to change the border of an element to Hex 24484B 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".

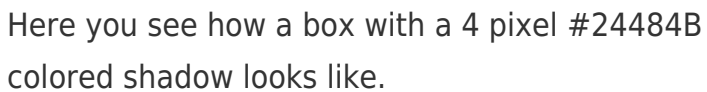
```
.border, #border, table{ border:4px solid  
#24484B }
```

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

```
.border{ border-color:#24484B }
```

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

Here you see how a box with a 4 pixel #24484B 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 #24484B; -webkit-box-shadow:4px 4px  
4px 4px #24484B; box-shadow:4px 4px 4px  
4px #24484B }
```

Background

The CSS property to change the background color of an element to Hex 24484B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24484B }
```

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

```
.background{ background-color:#24484B }
```

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