

Converting Colors

Hex(21484E)

Have a look what the booklet for
Hex(21484E) contains.

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Color

Hex(21484E)

Conversions

Conversions Part 1

Format	Color
Hex	21484E
RGB	33, 72, 78
RGB Percent	13%, 28%, 31%
CMY	0.8706, 0.7176, 0.6941
CMYK	0.58, 0.08, 0.00, 0.69
HSL	188°, 41%, 22%
HSV	188°, 58%, 31%
XYZ	4.3197, 5.5081, 8.0432
YIQ	61.0230, -25.1700, -6.4020

Conversions

Conversions Part 2

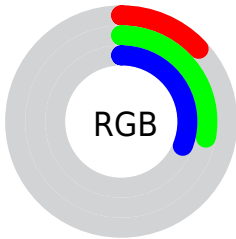
Format	Color
R_YB	33, 54, 78
Decimal	2181198
CIE Lab	28.14, -11.81, -7.82
CIE LCh	28, 14.163, 213.519
Yxy	5.5081, 0.2417, 0.3082
Android (android.graphics.Color)	4280371278 (0xFF21484E)
YUV	61.0230, 8.3697, -24.5762
Hunter-Lab	23.4694, -8.2172, -3.8908

Details

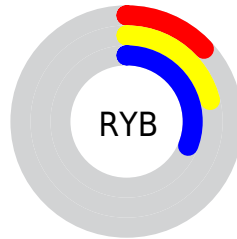
The Hex color **21484E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4E2721**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **52797F**, and **001D22** is the 20% darker color. If you saturate the color by 10%, you get **19474E**, and if you desaturate by 10%, it is **29494E**.

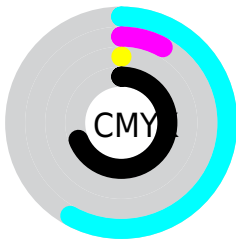
Distribution



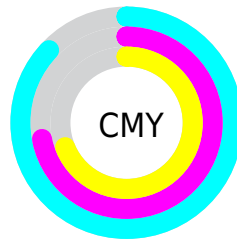
- Red (13%)
- Green (28%)
- Blue (31%)



- Red (13%)
- Yellow (21%)
- Blue (31%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (72%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21484E 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 21484E by changing the saturation by 10% instead.

■ 21484E

■ 21484E

FFFFFF

■ 063137

■ 52797F

■ 001D22

■ 6B9299

■ 00000B

■ 85ADB4

■ 000000

■ A0C8CF

■ BBE4EB

■ D7FFFF

■ F4FFFF

■ 21484E

■ 21484E

■ 19474E

■ 29494E

■ 11464E

■ 314A4E

■ 0A454E

■ 384B4E

■ 02444E

■ 404C4E

■ 00444E

■ 484D4E

■ 504E4E

■ 584F4E

■ 5F504E

■ 67514E

Harmonies

Analogous

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



264843



21484E



284656

Triad

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



21484E



513C4C



49422D

Complementary

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



21484E



4E2721

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.



523E2F



21484E



583A41

Square

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



21484E



463F55



583B37



3D4530

Rectangle

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



21484E



314458



583B37



4C412D

Sweetspot

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



21484E



556466



214E27



293233



B3B3B3



333333

Same Dimension

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



21484E



205D66



21324E



222626



005866



00C7E6

Inverse Universe

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



4E2148



66205D



4E3E21



262226



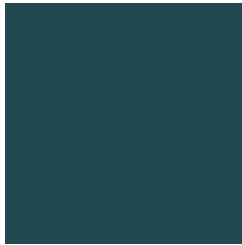
660058



E600C7

Previews

White Background



This preview shows how the Hex color 21484E 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

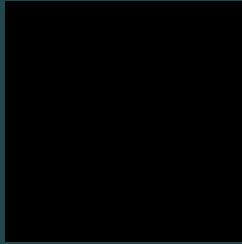
Any Text WCAG AA × Fail

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 21484E Background



This preview shows how black text looks on a background with the Hex color 21484E.



This preview shows how white text looks on a background with the Hex color 21484E.

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
21484E

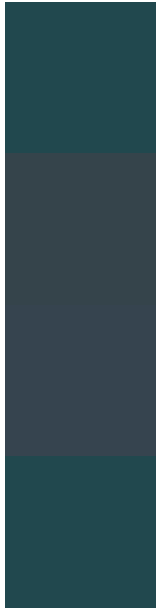
Protanopia
41424A

Deuteranopia
424150



Tritanopia
21484E

Trichromacy



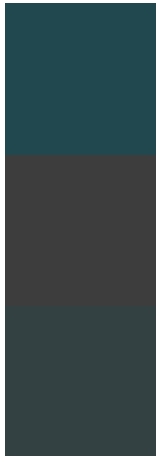
Original Color
21484E

Protanomaly
35444B

Deuteranomaly
36444F

Tritanomaly
21484E

Monochromacy



Original Color
21484E

Achromatopsia
3D3D3D

Achromatomaly
334143

CSS Examples

Text

The CSS property to change the color of the text to Hex 21484E 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 #21484E looks like.

```
.text, #text, p{  
    color:#21484E  
}
```

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 #21484E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21484E
}
```

Border

The CSS property to change the border of an element to Hex 21484E 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".

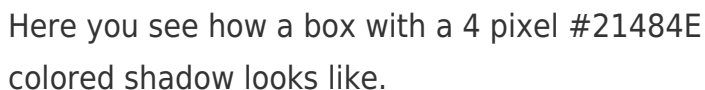
```
.border, #border, table{ border:4px solid
#21484E }
```

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

```
.border{ border-color:#21484E }
```

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

Here you see how a box with a 4 pixel #21484E 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 #21484E; -webkit-box-shadow:4px 4px  
4px 4px #21484E; box-shadow:4px 4px 4px  
4px #21484E }
```

Background

The CSS property to change the background color of an element to Hex 21484E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21484E }
```

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

```
.background{ background-color:#21484E }
```

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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