

Converting Colors

Hex(21434F)

Have a look what the booklet for
Hex(21434F) contains.

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Color

Hex(21434F)

Conversions

Conversions Part 1

Format	Color
Hex	21434F
RGB	33, 67, 79
RGB Percent	13%, 26%, 31%
CMY	0.8706, 0.7373, 0.6902
CMYK	0.58, 0.15, 0.00, 0.69
HSL	196°, 41%, 22%
HSV	196°, 58%, 31%
XYZ	4.0456, 4.9022, 8.1301
YIQ	58.2020, -24.1160, -3.4760

Conversions

Conversions Part 2

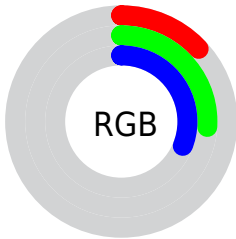
Format	Color
R_{YB}	33, 53, 79
Decimal	2179919
CIE Lab	26.45, -8.42, -11.02
CIE LCh	26, 13.867, 232.638
Yxy	4.9022, 0.2369, 0.2870
Android (android.graphics.Color)	4280369999 (0xFF21434F)
YUV	58.2020, 10.2534, -22.1022
Hunter-Lab	22.1408, -6.1304, -6.2728

Details

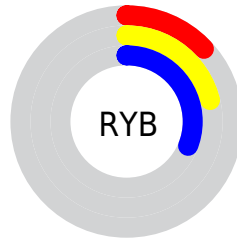
The Hex color **21434F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F2D21**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **527380**, and **001923** is the 20% darker color. If you saturate the color by 10%, you get **19414F**, and if you desaturate by 10%, it is **29454F**.

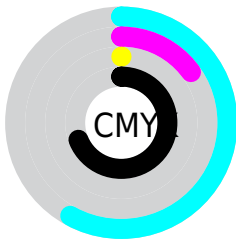
Distribution



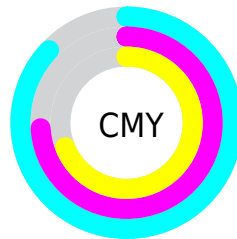
- Red (13%)
- Green (26%)
- Blue (31%)



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



- Cyan (58%)
- Magenta (15%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (74%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21434F 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 21434F by changing the saturation by 10% instead.

■ 21434F

■ 21434F

FFFFFF

■ 062D38

■ 527380

■ 001923

■ 6B8D9A

■ 00000C

■ 85A7B5

■ 000000

■ 9FC2D0

■ BBDEED

■ D7FBFF

■ F4FFFF

■ 21434F

■ 21434F

■ 19414F

■ 29454F

■ 113F4F

■ 31474F

■ 093D4F

■ 39494F

■ 013B4F

■ 414B4F

■ 003A4F

■ 494D4F

■ 504F4F

■ 58514F

■ 60534F

■ 68564F

Harmonies

Analogous

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



1E4446



21434F



2D4053

Triad

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



21434F



523742



3E402B

Complementary

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



21434F



4F2D21

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.



493D2A



21434F



543737

Square

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



21434F



4A394B



503A2E



324331

Rectangle

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



21434F



383E53



503A2E



423F2A

Sweetspot

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



21434F



556166



214F2D



293033



B3B3B3



333333

Same Dimension

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



21434F



1F5366



212D4F



222526



004B66



00AAE6

Inverse Universe

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



4F2143



661F53



4F4421



262225



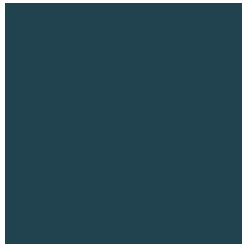
66004B



E600AA

Previews

White Background



This preview shows how the Hex color 21434F looks on a white background.

Color Contrast Check

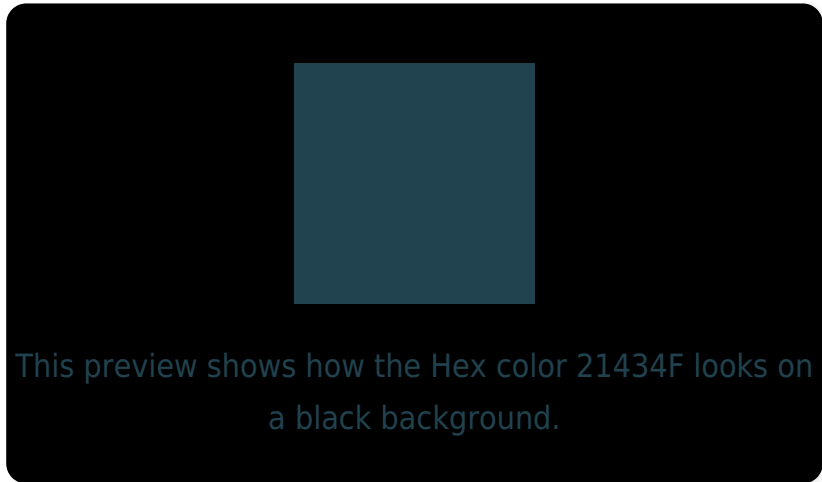
Large Text (above 18pt) WCAG AA ✓ Pass

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

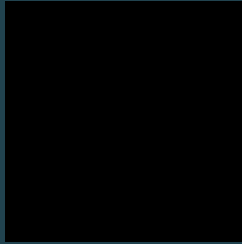
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

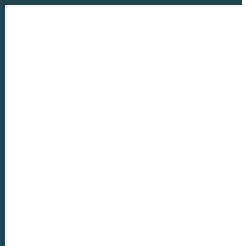
Any Text WCAG AAA × Fail

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

Hex 21434F Background



This preview shows how black text looks on a background with the Hex color 21434F.



This preview shows how white text looks on a background with the Hex color 21434F.

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](#).

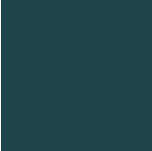
Dichromacy



Original Color
21434F

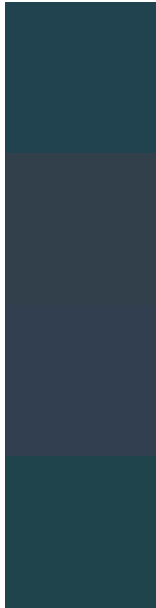
Protanopia
3B3E4B

Deuteranopia
3B3D50



Tritanopia
1F4449

Trichromacy



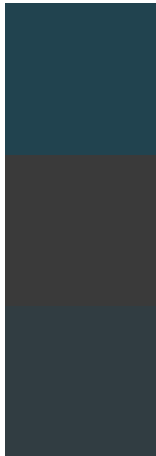
Original Color
21434F

Protanomaly
32404C

Deuteranomaly
323F50

Tritanomaly
20444B

Monochromacy



Original Color
21434F

Achromatopsia
3A3A3A

Achromatomaly
313D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 21434F 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 #21434F looks like.

```
.text, #text, p{  
    color:#21434F  
}
```

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 #21434F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21434F
}
```

Border

The CSS property to change the border of an element to Hex 21434F 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
#21434F }
```

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

```
.border{ border-color:#21434F }
```

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

Here you see how a box with a 4 pixel #21434F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21434F; -webkit-box-shadow:4px 4px  
4px 4px #21434F; box-shadow:4px 4px 4px  
4px #21434F }
```

Background

The CSS property to change the background color of an element to Hex 21434F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21434F }
```

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

```
.background{ background-color:#21434F }
```

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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