

Converting Colors

Hex(21413F)

Have a look what the booklet for
Hex(21413F) contains.

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Color

Hex(21413F)

Conversions

Conversions Part 1

Format	Color
Hex	21413F
RGB	33, 65, 63
RGB Percent	13%, 25%, 25%
CMY	0.8706, 0.7451, 0.7529
CMYK	0.49, 0.00, 0.03, 0.75
HSL	176°, 33%, 19%
HSV	176°, 49%, 25%
XYZ	3.4147, 4.4628, 5.3841
YIQ	55.2040, -18.4300, -7.4060

Conversions

Conversions Part 2

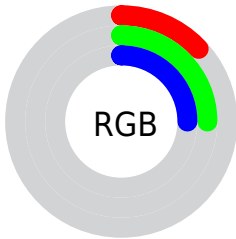
Format	Color
RYB	33, 50, 65
Decimal	2179391
CIELab	25.15, -12.37, -2.47
CIELCh	25, 12.613, 191.280
Yxy	4.4628, 0.2575, 0.3365
Android (android.graphics.Color)	4280369471 (0xFF21413F)
YUV	55.2040, 3.8434, -19.4729
Hunter-Lab	21.1254, -8.1167, -0.3230




Details

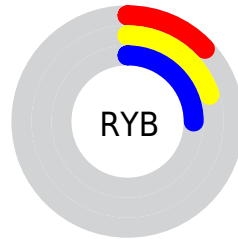
The Hex color **21413F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **412123**, and the grayscale version is **373737**.




A 20% lighter version of the original color is **50716F**, and **001715** is the 20% darker color. If you saturate the color by 10%, you get **1B413F**, and if you desaturate by 10%, it is **28413F**.

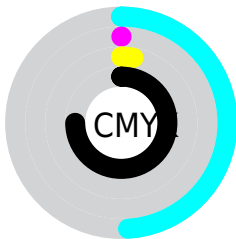
Distribution







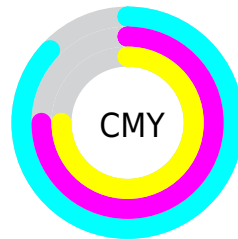
-  Red (13%)
-  Green (25%)
-  Blue (25%)






-  Red (13%)
-  Yellow (20%)
-  Blue (25%)



-  Cyan (49%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (75%)



-  Cyan (87%)
-  Magenta (75%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21413F 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 21413F by changing the saturation by 10% instead.

■ 21413F

■ 21413F

FFFFFF

■ 092B29

■ 50716F

■ 001715

■ 698A88

■ 000000

■ 82A5A2

■ 9DC0BD

■ B8DCD9

■ D4F8F5

■ F0FFFF

■ 21413F

■ 21413F

■ 1B413F

■ 28413F

■ 14413E

■ 2E4140

■ 0E413E

■ 354140

■ 07413D

■ 3B4141

■ 01413D

■ 424141

■ 00413D

■ 484141

■ 4F4142

■ 554142

■ 5C4143

Harmonies

Analogous

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



294135



21413F



204048

Triad

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



21413F



42384A



48392A

Complementary

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



21413F



412123

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.



4E362F



21413F



4B3542

Square

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



21413F



353B4E



4F3538



3F3C29

Rectangle

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



21413F



243F4C



4F3538



4A382B

Sweetspot

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



21413F



485453



234121



242B2B



ABABAB



2B2B2B

Same Dimension

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



21413F



235451



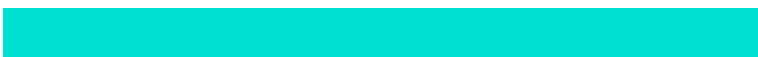
213341



1E2121



00615B



00E0D2

Inverse Universe

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



412123



542326



412F21



211E1E



610006



E0000E

Previews

White Background



This preview shows how the Hex color 21413F looks on a white background.

Color Contrast Check

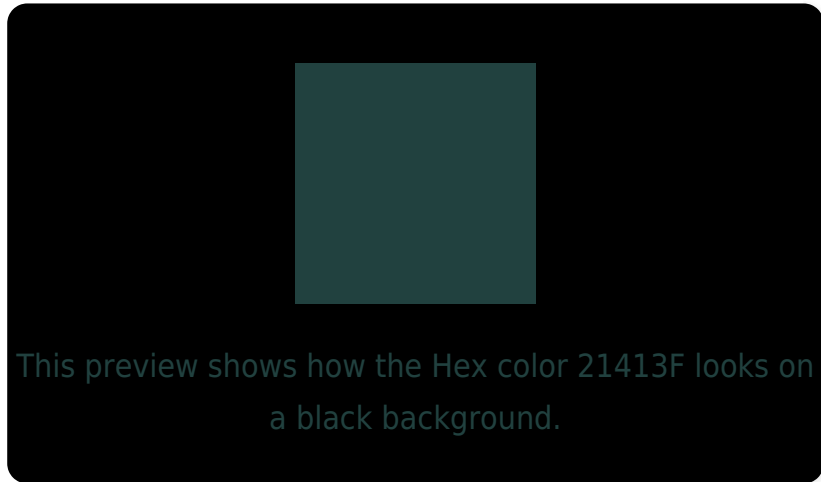
Large Text (above 18pt) WCAG AA ✓ Pass

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

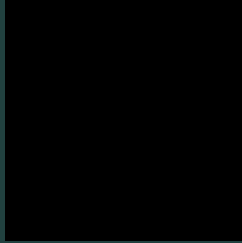
Any Text WCAG AA × Fail

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 21413F Background



This preview shows how black text looks on a background with the Hex color 21413F.



This preview shows how white text looks on a background with the Hex color 21413F.

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
21413F

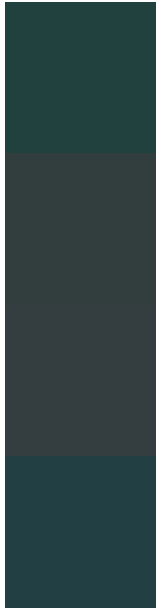
Protanopia
3C3B3C

Deuteranopia
3F3A41



Tritanopia
234045

Trichromacy



Original Color
21413F

Protanomaly
323D3D

Deuteranomaly
343D40

Tritanomaly
224043

Monochromacy



Original Color
21413F

Achromatopsia
373737

Achromatomaly
2F3B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 21413F 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 #21413F looks like.

```
.text, #text, p{  
    color:#21413F  
}
```

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 #21413F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21413F
}
```

Border

The CSS property to change the border of an element to Hex 21413F 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
#21413F }
```

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

```
.border{ border-color:#21413F }
```

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

Here you see how a box with a 4 pixel #21413F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21413F; -webkit-box-shadow:4px 4px  
4px 4px #21413F; box-shadow:4px 4px 4px  
4px #21413F }
```

Background

The CSS property to change the background color of an element to Hex 21413F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21413F }
```

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

```
.background{ background-color:#21413F }
```

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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