

Converting Colors

Hex(21373D)

Have a look what the booklet for
Hex(21373D) contains.

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Color

Hex(21373D)

Conversions

Conversions Part 1

Format	Color
Hex	21373D
RGB	33, 55, 61
RGB Percent	13%, 22%, 24%
CMY	0.8706, 0.7843, 0.7608
CMYK	0.46, 0.10, 0.00, 0.76
HSL	193°, 30%, 18%
HSV	193°, 46%, 24%
XYZ	2.8357, 3.3926, 4.9203
YIQ	49.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

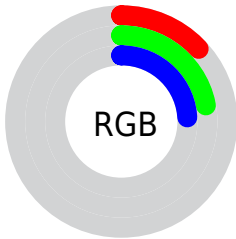
Format	Color
RYB	33, 45, 61
Decimal	2176829
CIELab	21.55, -6.79, -6.49
CIELCh	22, 9.392, 223.722
Yxy	3.3926, 0.2544, 0.3043
Android (android.graphics.Color)	4280366909 (0xFF21373D)
YUV	49.1060, 5.8637, -14.1250
Hunter-Lab	18.4191, -4.7526, -2.9447

Details

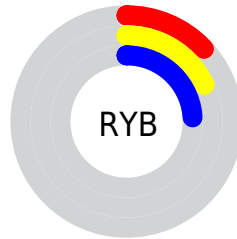
The Hex color **21373D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D2721**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **4F666C**, and **000B13** is the 20% darker color. If you saturate the color by 10%, you get **1B363D**, and if you desaturate by 10%, it is **27383D**.

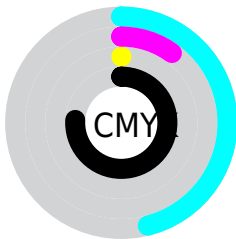
Distribution



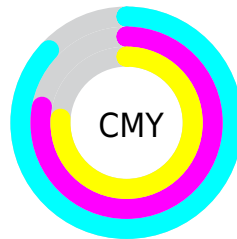
- Red (13%)
- Green (22%)
- Blue (24%)



- Red (13%)
- Yellow (18%)
- Blue (24%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (76%)



- Cyan (87%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21373D 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 21373D by changing the saturation by 10% instead.

■ 21373D

■ 21373D

FFFFFF

■ 0B2227

■ 4F666C

■ 000B13

■ 677F86

■ 000000

■ 8199A0

■ 9BB4BB

■ B6CFD6

■ D2EBF3

■ EEEFFF

■ 21373D

■ 21373D

■ 1B363D

■ 27383D

■ 15343D

■ 2D3A3D

■ 0F333D

■ 333B3D

■ 09323D

■ 393C3D

■ 03303D

■ 403E3D

■ 00303D

■ 463F3D

■ 4C403D

■ 52413D

■ 58433D

Harmonies

Analogous

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



213837



21373D



273541

Triad

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



21373D



3F2F38



363426

Complementary

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



21373D



3D2721

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.



3C3227



21373D



422F31

Square

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



21373D



39313E



41302A



2E362A

Rectangle

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



21373D



2D3441



41302A



383326

Sweetspot

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



21373D



444D4F



213D27



222729



A8A8A8



292929

Same Dimension

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



21373D



24464F



21293D



1C1E1F



004A5E



00AEDE

Inverse Universe

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



3D2137



4F2446



3D3521



1F1C1E



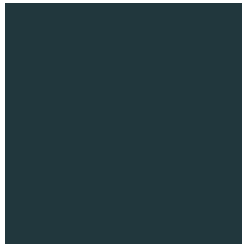
5E004A



DE00AE

Previews

White Background



This preview shows how the Hex color 21373D looks on a white background.

Color Contrast Check

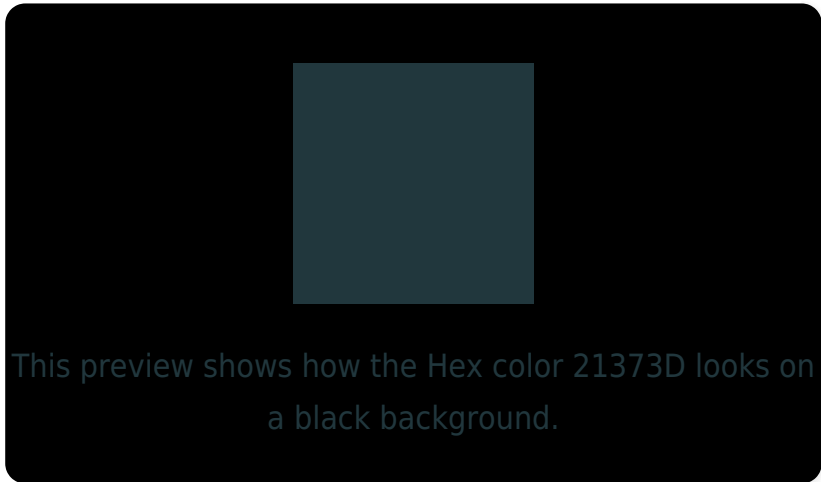
Large Text (above 18pt) WCAG AA ✓ Pass

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

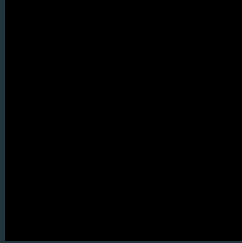
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

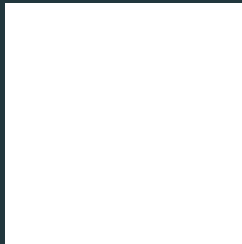
Any Text WCAG AAA × Fail

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

Hex 21373D Background



This preview shows how black text looks on a background with the Hex color 21373D.



This preview shows how white text looks on a background with the Hex color 21373D.

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
21373D

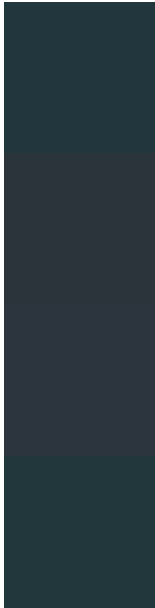
Protanopia
32333A

Deuteranopia
33323E



Tritanopia
21373C

Trichromacy



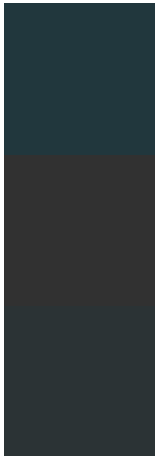
Original Color
21373D

Protanomaly
2C343B

Deuteranomaly
2C343E

Tritanomaly
21373C

Monochromacy



Original Color
21373D

Achromatopsia
313131

Achromatomaly
2B3335

CSS Examples

Text

The CSS property to change the color of the text to Hex 21373D 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 #21373D looks like.

```
.text, #text, p{  
    color:#21373D  
}
```

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 #21373D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21373D
}
```

Border

The CSS property to change the border of an element to Hex 21373D is called "border". The border property can be set on classes, ids or directly on the HTML element.

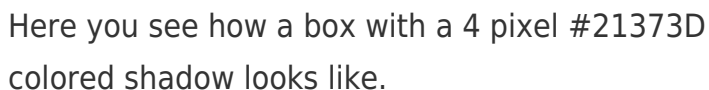
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21373D }
```

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

```
.border{ border-color:#21373D }
```

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



Here you see how a box with a 4 pixel #21373D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21373D; -webkit-box-shadow:4px 4px  
4px 4px #21373D; box-shadow:4px 4px 4px  
4px #21373D }
```

Background

The CSS property to change the background color of an element to Hex 21373D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21373D }
```

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

```
.background{ background-color:#21373D }
```

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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