

Converting Colors

Hex(22343D)

Have a look what the booklet for
Hex(22343D) contains.

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Color

Hex(22343D)

Conversions

Conversions Part 1

Format	Color
Hex	22343D
RGB	34, 52, 61
RGB Percent	13%, 20%, 24%
CMY	0.8667, 0.7961, 0.7608
CMYK	0.44, 0.15, 0.00, 0.76
HSL	200°, 28%, 19%
HSV	200°, 44%, 24%
XYZ	2.7300, 3.1330, 4.8757
YIQ	47.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

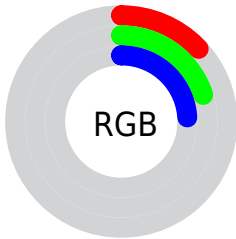
Format	Color
R_{YB}	34, 45, 61
Decimal	2241597
CIE Lab	20.57, -4.50, -7.97
CIE LCh	21, 9.154, 240.556
Yxy	3.1330, 0.2542, 0.2917
Android (android.graphics.Color)	4280431677 (0xFF22343D)
YUV	47.6440, 6.5845, -11.9658
Hunter-Lab	17.7002, -3.4446, -3.9419

Details

The Hex color **22343D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D2B22**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **50626C**, and **000513** is the 20% darker color. If you saturate the color by 10%, you get **1C323D**, and if you desaturate by 10%, it is **28363D**.

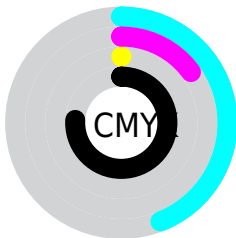
Distribution



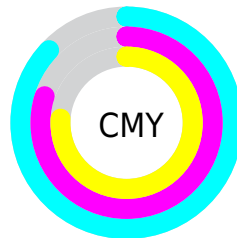
- Red (13%)
- Green (20%)
- Blue (24%)



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



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (76%)



- Cyan (87%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22343D 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 22343D by changing the saturation by 10% instead.

■ 22343D

■ 22343D

FFFFFF

■ 0C1F27

■ 50626C

■ 000513

■ 687B86

■ 000000

■ 8295A0

■ 9CB0BB

■ B7CBD6

■ D3E7F3

■ EFFFFFF

■ 22343D

■ 22343D

■ 1C323D

■ 28363D

■ 16303D

■ 2E383D

■ 102E3D

■ 343A3D

■ 0A2C3D

■ 3A3C3D

■ 042A3D

■ 413E3D

■ 00293D

■ 47403D

■ 4D423D

■ 53443D

■ 59463D

Harmonies

Analogous

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



1F3538



22343D



2A323F

Triad

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



22343D



3F2D32



2F3326

Complementary

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



22343D



3D2B22

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.



373124



22343D



3F2D2B

Square

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



22343D



3A2E38



3C2F26



28352B

Rectangle

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



22343D



30313E



3C2F26



323325

Sweetspot

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



22343D



454C4F



223D2B



222729



A8A8A8



292929

Same Dimension

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



22343D



25414F



22273D



1C1E1F



003F5E



0094DE

Inverse Universe

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



3D2234



4F2541



3D3922



1F1C1E



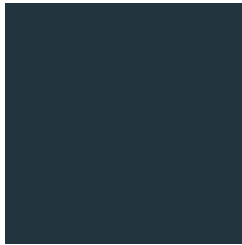
5E003F



DE0094

Previews

White Background



This preview shows how the Hex color 22343D looks on a white background.

Color Contrast Check

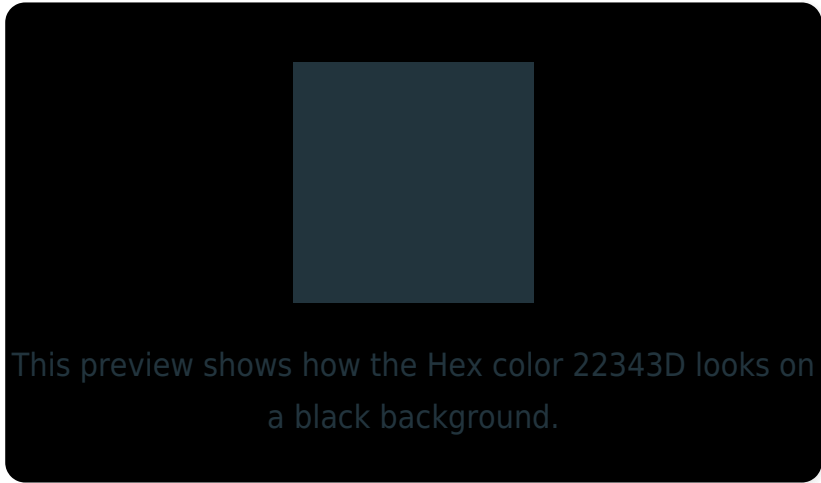
Large Text (above 18pt) WCAG AA ✓ Pass

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

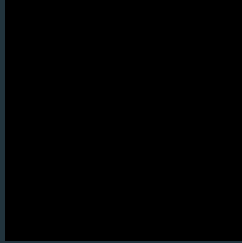
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

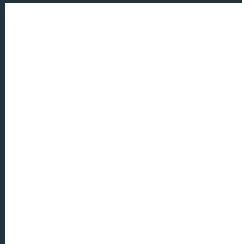
Any Text WCAG AAA × Fail

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

Hex 22343D Background



This preview shows how black text looks on a background with the Hex color 22343D.



This preview shows how white text looks on a background with the Hex color 22343D.

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
22343D

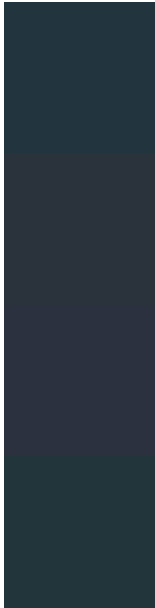
Protanopia
2F313B

Deuteranopia
30303E



Tritanopia
213539

Trichromacy



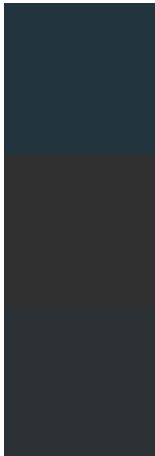
Original Color
22343D

Protanomaly
2A323C

Deuteranomaly
2B313E

Tritanomaly
21353A

Monochromacy



Original Color
22343D

Achromatopsia
303030

Achromatomaly
2B3135

CSS Examples

Text

The CSS property to change the color of the text to Hex 22343D 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 #22343D looks like.

```
.text, #text, p{  
    color:#22343D  
}
```

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 #22343D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22343D
}
```

Border

The CSS property to change the border of an element to Hex 22343D is called "border". The border property can be set on classes, ids or directly on the HTML element.

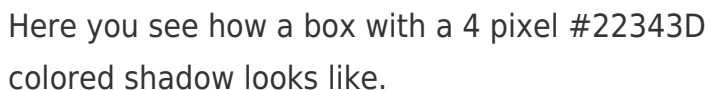
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22343D }
```

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

```
.border{ border-color:#22343D }
```

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



Here you see how a box with a 4 pixel #22343D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22343D; -webkit-box-shadow:4px 4px  
4px 4px #22343D; box-shadow:4px 4px 4px  
4px #22343D }
```

Background

The CSS property to change the background color of an element to Hex 22343D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22343D }
```

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

```
.background{ background-color:#22343D }
```

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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