

Converting Colors

Hex(13343D)

Have a look what the booklet for
Hex(13343D) contains.

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Color

Hex(13343D)

Conversions

Conversions Part 1

Format	Color
Hex	13343D
RGB	19, 52, 61
RGB Percent	7%, 20%, 24%
CMY	0.9255, 0.7961, 0.7608
CMYK	0.69, 0.15, 0.00, 0.76
HSL	193°, 53%, 16%
HSV	193°, 69%, 24%
XYZ	2.3389, 2.9314, 4.8574
YIQ	43.1590, -22.5570, -4.1970

Conversions

Conversions Part 2

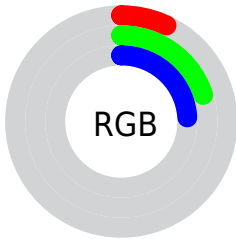
Format	Color
R_{YB}	19, 37, 61
Decimal	1258557
CIE _{Lab}	19.77, -8.74, -9.27
CIE _{LCh}	20, 12.734, 226.685
Yxy	2.9314, 0.2309, 0.2894
Android (android.graphics.Color)	4279448637 (0xFF13343D)
YUV	43.1590, 8.7956, -21.1874
Hunter-Lab	17.1212, -5.5779, -4.8362

Details

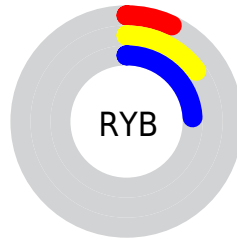
The Hex color **13343D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D1C13**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **43636C**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **0D333D**, and if you desaturate by 10%, it is **19353D**.

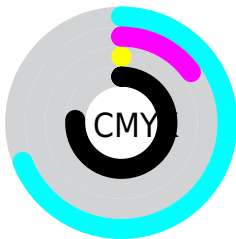
Distribution



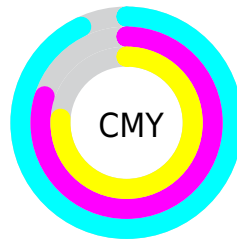
- Red (7%)
- Green (20%)
- Blue (24%)



- Red (7%)
- Yellow (15%)
- Blue (24%)



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (76%)



- Cyan (93%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13343D 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 13343D by changing the saturation by 10% instead.

■ 13343D

■ 13343D

FEFFFF

■ 001F27

■ 43636C

■ 000113

■ 5B7B86

■ 000000

■ 7595A0

■ 8FB0BB

■ AACBD7

■ C5E7F3

■ E2FFFF

■ 13343D

■ 13343D

■ 0D333D

■ 19353D

■ 07313D

■ 1F373D

■ 01303D

■ 25383D

■ 00303D

■ 2B393D

■ 313B3D

■ 383C3D

■ 3E3D3D

■ 443E3D

■ 4A403D

Harmonies

Analogous

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



133535



13343D



1D3242

Triad

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



13343D



402934



31311E

Complementary

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



13343D



3D1C13

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.



3A2E1E



13343D



42292B

Square

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



13343D



372C3D



402B23



273323

Rectangle

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



13343D



273042



402B23



34301D

Sweetspot

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



13343D



3E4B4F



133D1B



1F2729



A8A8A8



292929

Same Dimension

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



13343D



0D414F



13203D



1C1E1F



004A5E



00AEDE

Inverse Universe

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



3D1334



4F0D41



3D3013



1F1C1E



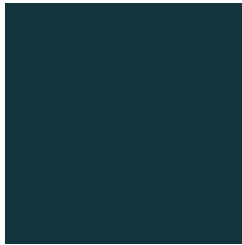
5E004A



DE00AE

Previews

White Background



This preview shows how the Hex color 13343D looks on a white background.

Color Contrast Check

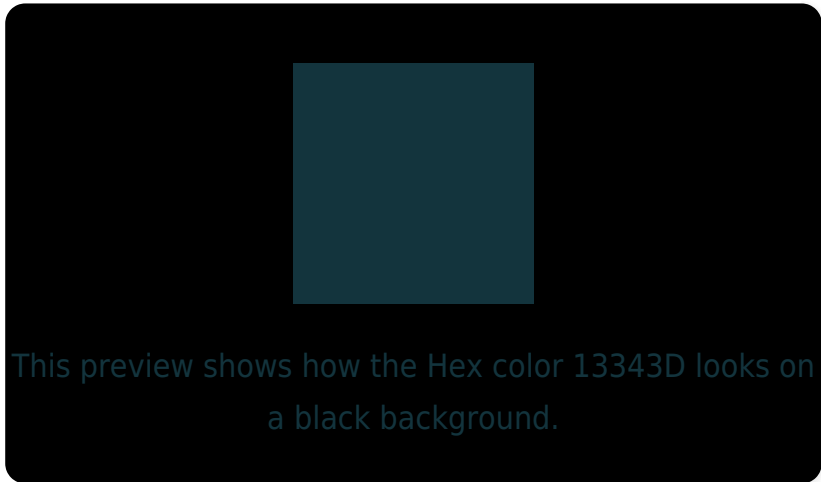
Large Text (above 18pt) WCAG AA ✓ Pass

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

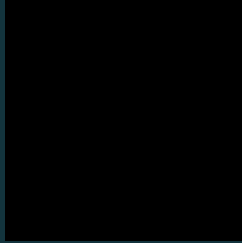
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

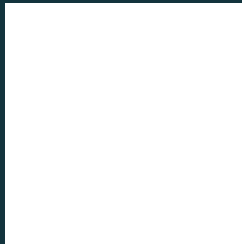
Any Text WCAG AAA × Fail

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

Hex 13343D Background



This preview shows how black text looks on a background with the Hex color 13343D.



This preview shows how white text looks on a background with the Hex color 13343D.

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
13343D

Protanopia
2E2F3A

Deuteranopia
2D2F3E



Tritanopia
113539

Trichromacy



Original Color

13343D

Protanomaly

24313B

Deuteranomaly

24313E

Tritanomaly

12353A

Monochromacy



Original Color

13343D

Achromatopsia

2B2B2B

Achromatomaly

222E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 13343D 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 #13343D looks like.

```
.text, #text, p{  
    color:#13343D  
}
```

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 #13343D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13343D
}
```

Border

The CSS property to change the border of an element to Hex 13343D 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
#13343D }
```

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

```
.border{ border-color:#13343D }
```

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

Here you see how a box with a 4 pixel #13343D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13343D; -webkit-box-shadow:4px 4px  
4px 4px #13343D; box-shadow:4px 4px 4px  
4px #13343D }
```

Background

The CSS property to change the background color of an element to Hex 13343D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13343D }
```

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

```
.background{ background-color:#13343D }
```

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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