

# Converting Colors

Hex(13363B)

Have a look what the booklet for  
Hex(13363B) contains.

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# Color

**Hex(13363B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13363B
RGB	19, 54, 59
RGB Percent	7%, 21%, 23%
CMY	0.9255, 0.7882, 0.7686
CMYK	0.68, 0.08, 0.00, 0.77
HSL	188°, 51%, 15%
HSV	188°, 68%, 23%
XYZ	2.3771, 3.0925, 4.6093
YIQ	44.1050, -22.4650, -5.8650

# Conversions

## Conversions Part 2

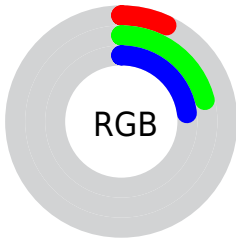
Format	Color
<b>R<sub>YB</sub></b>	19, 38, 59
Decimal	1259067
CIE Lab	20.41, -10.72, -6.93
CIE LCh	20, 12.765, 212.861
Yxy	3.0925, 0.2359, 0.3068
Android (android.graphics.Color)	4279449147 (0xFF13363B)
YUV	44.1050, 7.3432, -22.0171
Hunter-Lab	17.5856, -6.6461, -3.2303

# Details

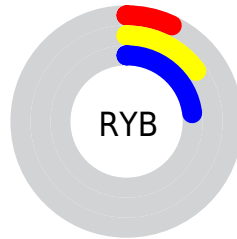
The Hex color **13363B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B1813**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **43656A**, and **000411** is the 20% darker color. If you saturate the color by 10%, you get **0D353B**, and if you desaturate by 10%, it is **19373B**.

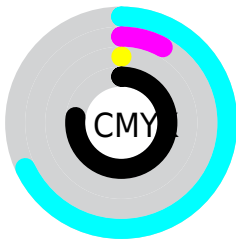
# Distribution



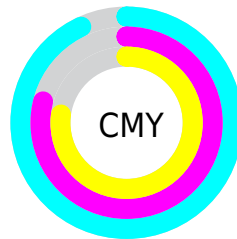
- Red (7%)
- Green (21%)
- Blue (23%)



- Red (7%)
- Yellow (15%)
- Blue (23%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (77%)



- Cyan (93%)
- Magenta (79%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13363B 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 13363B by changing the saturation by 10% instead.



■ 13363B

■ 13363B

FEFFFF

■ 002125

■ 43656A

■ 000411

■ 5B7E83

■ 000000

■ 75989D

■ 8FB3B8

■ AACED4

■ C5EAF0

■ E1FFFF

■ 13363B

■ 13363B

■ 0D353B

■ 19373B

■ 07353B

■ 1F373B

■ 01343B

■ 25383B

■ 00343B

■ 2B393B

■ 313A3B

■ 363A3B

■ 3C3B3B

■ 423C3B

■ 483D3B

# Harmonies

## Analogous

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



183632



13363B



193442

# Triad

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



13363B



3E2C3A



37311E

# Complementary

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



13363B



3B1813

# 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.



3F2E21



13363B



432A31

# Square

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



13363B



342E41



432B27



2D3421

# Rectangle

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



13363B



223344



432B27



3A301F



# Sweetspot

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



13363B



3D4B4D



133B18



1D2526



A6A6A6



262626



# Same Dimension

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



13363B



0F454D



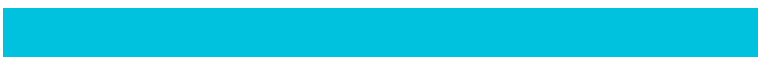
13223B



1C1E1F



00535E



00C2DE



# Inverse Universe

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



3B1336



4D0F45



3B2C13



1F1C1E



5E0053

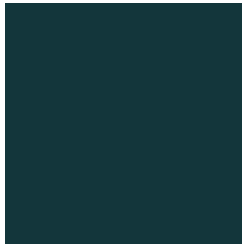


DE00C2



# Previews

## White Background



This preview shows how the Hex color 13363B looks on a white background.

## Color Contrast Check

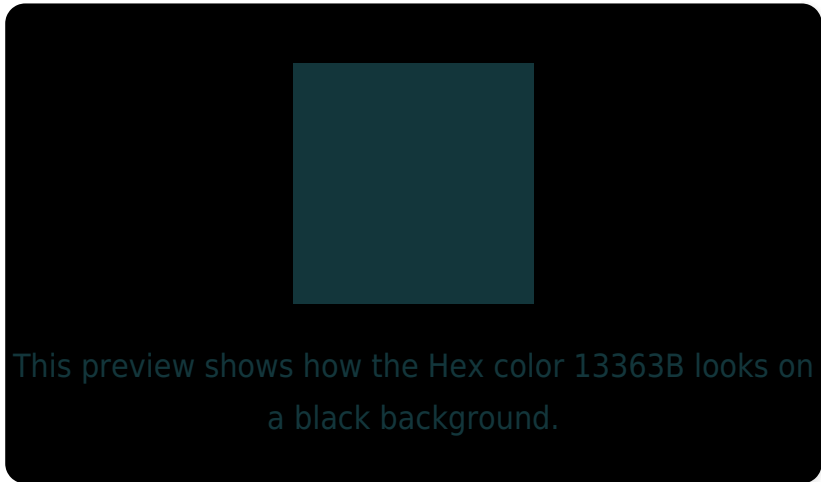
Large Text (above 18pt) WCAG AA ✓ Pass

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

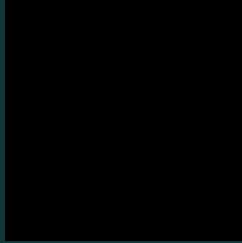
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

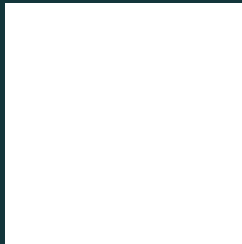
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 13363B Background



This preview shows how black text looks on a background with the Hex color 13363B.

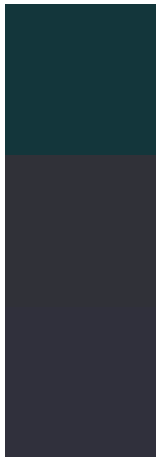


This preview shows how white text looks on a background with the Hex color 13363B.

# 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](#).

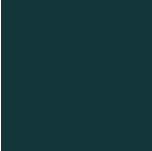
## Dichromacy



**Original Color**  
13363B

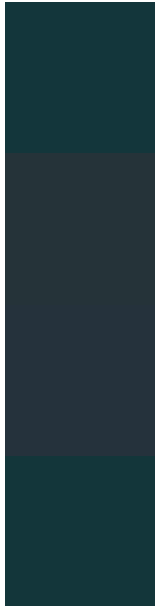
**Protanopia**  
303138

**Deuteranopia**  
30303C



**Tritanopia**  
13363A

# Trichromacy



**Original Color**  
13363B

**Protanomaly**  
253339

**Deuteranomaly**  
25323C

**Tritanomaly**  
13363A

# Monochromacy



**Original Color**  
13363B

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
233031

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13363B 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 #13363B looks like.

```
.text, #text, p{  
    color:#13363B  
}
```

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 #13363B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13363B
}
```

## Border

The CSS property to change the border of an element to Hex 13363B 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
#13363B }
```

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

```
.border{ border-color:#13363B }
```

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

Here you see how a box with a 4 pixel #13363B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13363B; -webkit-box-shadow:4px 4px  
4px 4px #13363B; box-shadow:4px 4px 4px  
4px #13363B }
```

# Background

The CSS property to change the background color of an element to Hex 13363B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13363B }
```

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

```
.background{ background-color:#13363B }
```

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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