

# Converting Colors

Hex(17374E)

Have a look what the booklet for  
Hex(17374E) contains.

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# Color

**Hex(17374E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17374E
RGB	23, 55, 78
RGB Percent	9%, 22%, 31%
CMY	0.9098, 0.7843, 0.6941
CMYK	0.71, 0.29, 0.00, 0.69
HSL	205°, 54%, 20%
HSV	205°, 71%, 31%
XYZ	3.0947, 3.4646, 7.7134
YIQ	48.0540, -26.4550, 0.3690

# Conversions

## Conversions Part 2

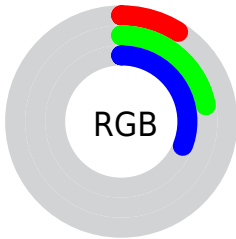
Format	Color
R <sub>Y</sub> B	23, 43, 78
Decimal	1521486
CIE Lab	21.82, -3.34, -17.55
CIE LCh	22, 17.869, 259.227
Yxy	3.4646, 0.2168, 0.2427
Android (android.graphics.Color)	4279711566 (0xFF17374E)
YUV	48.0540, 14.7634, -21.9724
Hunter-Lab	18.6134, -2.8959, -11.5402

# Details

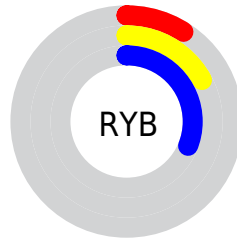
The Hex color **17374E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E2E17**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **49667F**, and **000B22** is the 20% darker color. If you saturate the color by 10%, you get **0F344E**, and if you desaturate by 10%, it is **1F3A4E**.

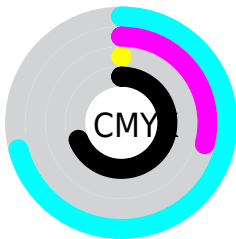
# Distribution



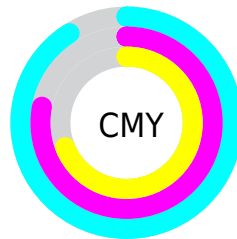
- Red (9%)
- Green (22%)
- Blue (31%)



- Red (9%)
- Yellow (17%)
- Blue (31%)



- Cyan (71%)
- Magenta (29%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (78%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17374E 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 17374E by changing the saturation by 10% instead.



■ 17374E

■ 17374E

FFFFFF

■ 002237

■ 49667F

■ 000B22

■ 627F99

■ 000008

■ 7C98B4

■ 000000

■ 96B3D0

■ B2CFEC

■ CEEBFF

■ EAFFFF

■ 17374E

■ 17374E

■ 0F344E

■ 1F3A4E

■ 07304E

■ 273E4E

■ 002D4E

■ 2E414E

■ 36444E

■ 3E474E

■ 464B4E

■ 4E4E4E

■ 55514E

■ 5D544E

# Harmonies

## Analogous

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



003A48



17374E



2F334D

# Triad

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



17374E



4E2A2C



253923

# Complementary

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



17374E



4E2E17

# 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.



34361B



17374E



4A2D21

# Square

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



17374E



4B2A3A



41321A



133B2F

# Rectangle

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



17374E



3B2F49



41321A



2A381F



# Sweetspot

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



17374E



515D66



174E2E



262E33



B3B3B3



333333



# Same Dimension

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



17374E



0F4266



171C4E



222526



003B66



0086E6



# Inverse Universe

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



4E1737



660F42



4E4917



262225



66003B

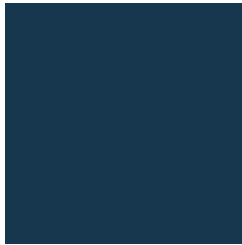


E60086



# Previews

## White Background



This preview shows how the Hex color 17374E looks on a white background.

## Color Contrast Check

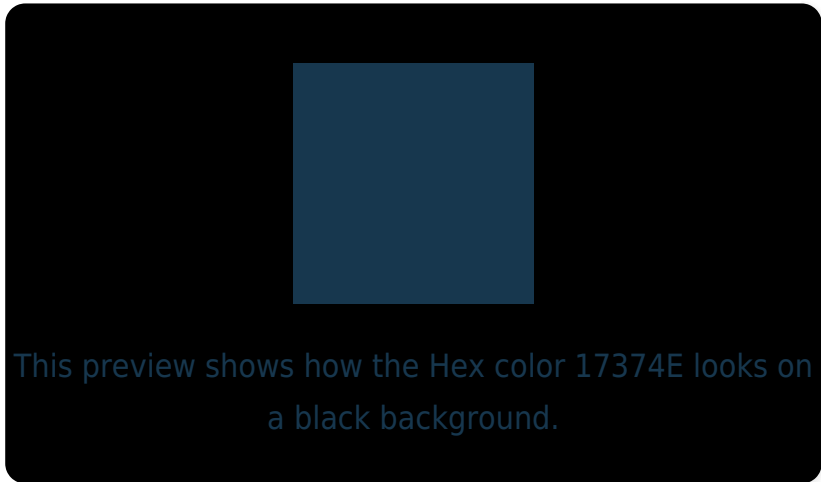
Large Text (above 18pt) WCAG AA ✓ Pass

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

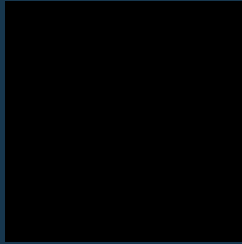
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 17374E Background



This preview shows how black text looks on a background with the Hex color 17374E.



This preview shows how white text looks on a background with the Hex color 17374E.

# 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**  
17374E

**Protanopia**  
2D334B

**Deuteranopia**  
28344F



**Tritanopia**  
0B3A3F

# Trichromacy



**Original Color**  
17374E

**Protanomaly**  
25344C

**Deuteranomaly**  
22354F

**Tritanomaly**  
0F3944

# Monochromacy



**Original Color**  
17374E

**Achromatopsia**  
303030

**Achromatomaly**  
27333B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17374E 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 #17374E looks like.

```
.text, #text, p{  
    color:#17374E  
}
```

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 #17374E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17374E
}
```

## Border

The CSS property to change the border of an element to Hex 17374E 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
#17374E }
```

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

```
.border{ border-color:#17374E }
```

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

Here you see how a box with a 4 pixel #17374E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17374E; -webkit-box-shadow:4px 4px  
4px 4px #17374E; box-shadow:4px 4px 4px  
4px #17374E }
```

# Background

The CSS property to change the background color of an element to Hex 17374E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17374E }
```

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

```
.background{ background-color:#17374E }
```

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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