

Converting Colors

Hex(12737E)

Have a look what the booklet for
Hex(12737E) contains.

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Color

Hex(12737E)

Conversions

Conversions Part 1

Format	Color
Hex	12737E
RGB	18, 115, 126
RGB Percent	7%, 45%, 49%
CMY	0.9294, 0.5490, 0.5059
CMYK	0.86, 0.09, 0.00, 0.51
HSL	186°, 75%, 28%
HSV	186°, 86%, 49%
XYZ	10.1461, 13.8964, 21.8862
YIQ	87.2510, -61.3430, -17.1430

Conversions

Conversions Part 2

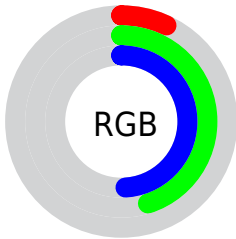
Format	Color
RYB	18, 69, 126
Decimal	1209214
CIELab	44.08, -21.80, -13.56
CIELCh	44, 25.672, 211.893
Yxy	13.8964, 0.2209, 0.3026
Android (android.graphics.Color)	4279399294 (0xFF12737E)
YUV	87.2510, 19.1033, -60.7331
Hunter-Lab	37.2779, -16.6533, -8.7151

Details

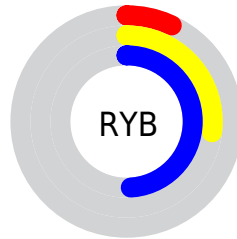
The Hex color **12737E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E1D12**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **55A7B3**, and **00424D** is the 20% darker color. If you saturate the color by 10%, you get **05727E**, and if you desaturate by 10%, it is **1F747E**.

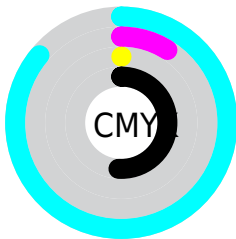
Distribution



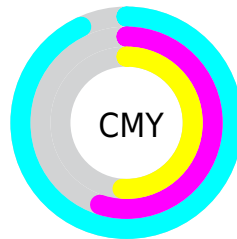
- Red (7%)
- Green (45%)
- Blue (49%)



- Red (7%)
- Yellow (27%)
- Blue (49%)



- Cyan (86%)
- Magenta (9%)
- Yellow (0%)
- Black (51%)



- Cyan (93%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12737E 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 12737E by changing the saturation by 10% instead.

 12737E

 12737E

FFFFFF

 005A65

 55A7B3

 00424D

 71C3CE

 002C36

 8EDFEA

 001821

 AAFBFF

 000008

 C7FFFF

 000000

 E4FFFF

 12737E

 12737E

 05727E

 1F747E

■ 00717E

■ 2B767E

■ 38777E

■ 44787E

■ 51797E

■ 5E7B7E

■ 6A7C7E

■ 777D7E

■ 837F7E

Harmonies

Analogous

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



297469



12737E



27708D

Triad

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



12737E



845B7D



75673D

Complementary

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



12737E



7E1D12

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.



876043



12737E



915868

Square

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



12737E



6D628C



915A53



5F6E43

Rectangle

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



12737E



406C92



915A53



7C653E

Sweetspot

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



12737E



799FA3



127E1D



384F52



D1D1D1



525252

Same Dimension

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



12737E



0093A3



123D7E



393F40



007380



000000

Inverse Universe

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



7E1273



A30093



7E5312



40393F



800073



000000

Previews

White Background



This preview shows how the Hex color 12737E looks on a white background.

Color Contrast Check

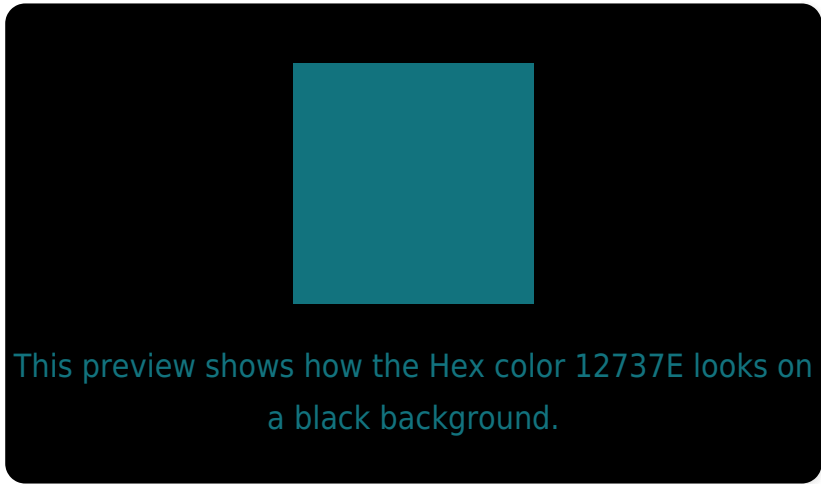
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

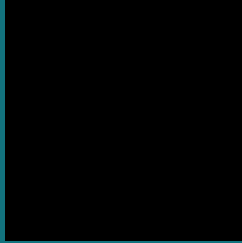
Any Text WCAG AA × Fail

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 12737E Background



This preview shows how black text looks on a background with the Hex color 12737E.

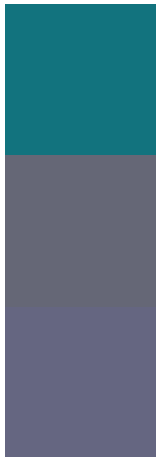


This preview shows how white text looks on a background with the Hex color 12737E.

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

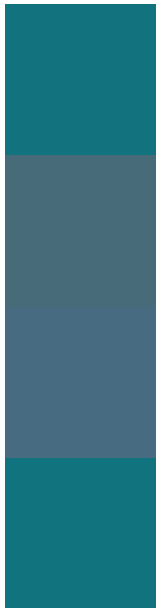


Original Color
12737E

Protanopia
656776

Deuteranopia
656681

Trichromacy



Original Color
12737E

Protanomaly
476B79

Deuteranomaly
476B80

Tritanomaly
11737D

Monochromacy



Original Color
12737E

Achromatopsia
575757

Achromatomaly
3E6165

CSS Examples

Text

The CSS property to change the color of the text to Hex 12737E 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 #12737E looks like.

```
.text, #text, p{  
    color:#12737E  
}
```

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 #12737E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12737E
}
```

Border

The CSS property to change the border of an element to Hex 12737E 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
#12737E }
```

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

```
.border{ border-color:#12737E }
```

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

Here you see how a box with a 4 pixel #12737E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12737E; -webkit-box-shadow:4px 4px  
4px 4px #12737E; box-shadow:4px 4px 4px  
4px #12737E }
```

Background

The CSS property to change the background color of an element to Hex 12737E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12737E }
```

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

```
.background{ background-color:#12737E }
```

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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