

Converting Colors

Hex(12746E)

Have a look what the booklet for
Hex(12746E) contains.

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Color

Hex(12746E)

Conversions

Conversions Part 1

Format	Color
Hex	12746E
RGB	18, 116, 110
RGB Percent	7%, 45%, 43%
CMY	0.9294, 0.5451, 0.5686
CMYK	0.84, 0.00, 0.05, 0.55
HSL	176°, 73%, 26%
HSV	176°, 84%, 45%
XYZ	9.3093, 13.7452, 16.9143
YIQ	86.0140, -56.4820, -22.6420

Conversions

Conversions Part 2

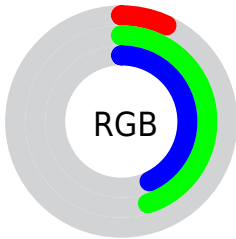
Format	Color
R_{YB}	18, 69, 116
Decimal	1209454
CIE _{Lab}	43.87, -27.56, -4.30
CIE _{LCh}	44, 27.895, 188.862
Yxy	13.7452, 0.2329, 0.3439
Android (android.graphics.Color)	4279399534 (0xFF12746E)
YUV	86.0140, 11.8251, -59.6483
Hunter-Lab	37.0745, -20.0594, -1.0974

Details

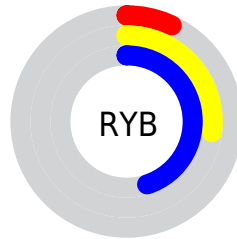
The Hex color **12746E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **741218**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **53A9A1**, and **00433F** is the 20% darker color. If you saturate the color by 10%, you get **06746D**, and if you desaturate by 10%, it is **1E746F**.

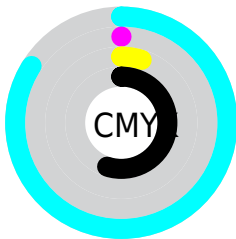
Distribution



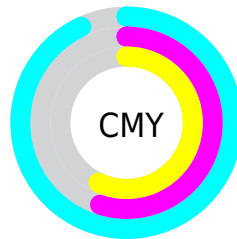
- Red (7%)
- Green (45%)
- Blue (43%)



- Red (7%)
- Yellow (27%)
- Blue (45%)



- Cyan (84%)
- Magenta (0%)
- Yellow (5%)
- Black (55%)



- Cyan (93%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12746E 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 12746E by changing the saturation by 10% instead.



12746E



12746E

FFFFFF



005B56



53A9A1



00433F



6FC4BC



002C29



8BE0D8



001714



A7DFD5



000000



C4FFFF



E1FFFF



FEFFFF



12746E



12746E

06746D

1E746F

00746D

29746F

357470

407471

4C7472

587472

637473

6F7474

7A7474

Harmonies

Analogous

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



3A7356



12746E



007384

Triad

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



12746E



735F8C



84613D

Complementary

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



12746E



741218

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.



92594C



12746E



8A5879

Square

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



12746E



516895



945562



706939

Rectangle

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



12746E



11708F



945562



8A5E41

Sweetspot

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



12746E



719694



197412



364D4B



CCCCCC



4D4D4D

Same Dimension

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



12746E



00968D



124A74



353B3A



007A73



00FAEB

Inverse Universe

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



741218



960009



743C12



3B3535



7A0007



FA000F

Previews

White Background



This preview shows how the Hex color 12746E looks on a white background.

Color Contrast Check

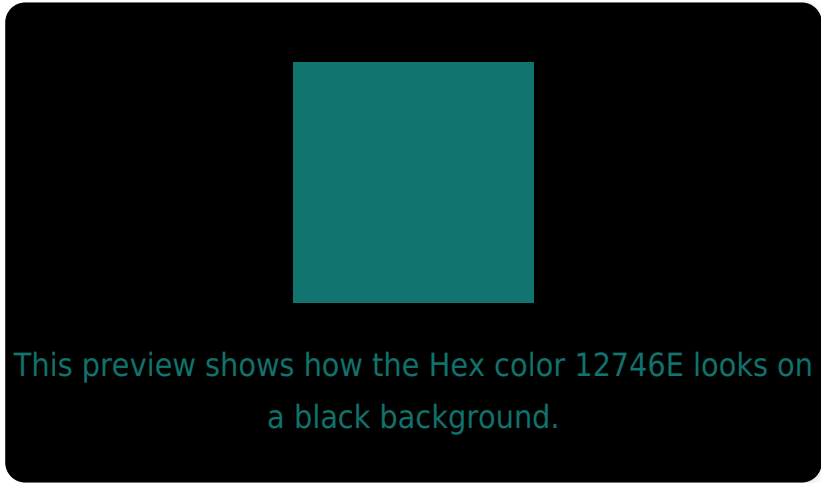
Large Text (above 18pt) WCAG AA ✓ Pass

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

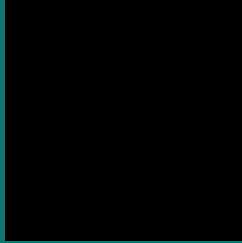
Any Text WCAG AA × Fail

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 12746E Background



This preview shows how black text looks on a background with the Hex color 12746E.

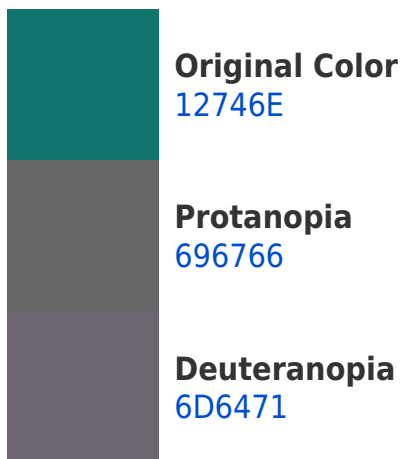


This preview shows how white text looks on a background with the Hex color 12746E.

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](#).

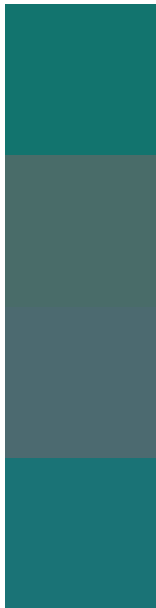
Dichromacy





Tritanopia
1F727B

Trichromacy



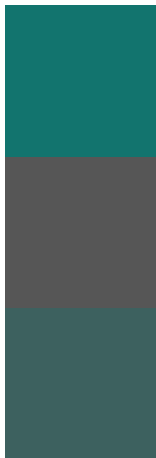
Original Color
12746E

Protanomaly
496C69

Deuteranomaly
4C6A70

Tritanomaly
1A7376

Monochromacy



Original Color
12746E

Achromatopsia
565656

Achromatomaly
3D615F

CSS Examples

Text

The CSS property to change the color of the text to Hex 12746E 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 #12746E looks like.

```
.text, #text, p{  
    color:#12746E  
}
```

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 #12746E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12746E
}
```

Border

The CSS property to change the border of an element to Hex 12746E 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
#12746E }
```

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

```
.border{ border-color:#12746E }
```

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

Here you see how a box with a 4 pixel #12746E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12746E; -webkit-box-shadow:4px 4px  
4px 4px #12746E; box-shadow:4px 4px 4px  
4px #12746E }
```

Background

The CSS property to change the background color of an element to Hex 12746E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12746E }
```

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

```
.background{ background-color:#12746E }
```

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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