

Converting Colors

Hex(12573C)

Have a look what the booklet for
Hex(12573C) contains.

Hex(12573C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(12573C)

Conversions

Conversions Part 1

Format	Color
Hex	12573C
RGB	18, 87, 60
RGB Percent	7%, 34%, 24%
CMY	0.9294, 0.6588, 0.7647
CMYK	0.79, 0.00, 0.31, 0.66
HSL	157°, 66%, 21%
HSV	157°, 79%, 34%
XYZ	4.4733, 7.2712, 5.4427
YIQ	63.2910, -32.4570, -23.0250

Conversions

Conversions Part 2

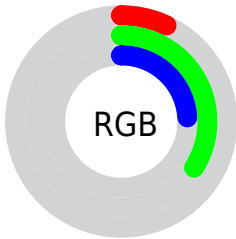
Format	Color
RYB	18, 61, 87
Decimal	1201980
CIELab	32.42, -28.17, 9.80
CIELCh	32, 29.826, 160.812
Yxy	7.2712, 0.2603, 0.4231
Android (android.graphics.Color)	4279392060 (0xFF12573C)
YUV	63.2910, -1.6225, -39.7202
Hunter-Lab	26.9652, -17.5778, 6.9085

Details

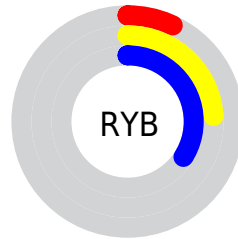
The Hex color **12573C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **57122D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **498A6B**, and **002912** is the 20% darker color. If you saturate the color by 10%, you get **095739**, and if you desaturate by 10%, it is **1B573F**.

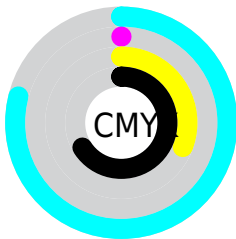
Distribution



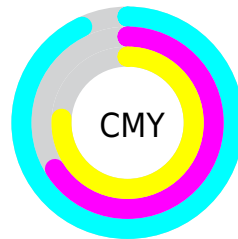
- Red (7%)
- Green (34%)
- Blue (24%)



- Red (7%)
- Yellow (24%)
- Blue (34%)



- Cyan (79%)
- Magenta (0%)
- Yellow (31%)
- Black (66%)



- Cyan (93%)
- Magenta (66%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12573C 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 12573C by changing the saturation by 10% instead.

 12573C

 12573C

FFFFFF

 003F26

 498A6B

 002912

 63A485

 001000

 7DBF9F

 000000

 98DBBA

 B4F8D5

 D0FFF2

 EDFFFF

 12573C

 12573C

■ 095739

■ 1B573F

■ 015735

■ 235743

■ 005735

■ 2C5746

■ 35574A

■ 3D574D

■ 465750

■ 4F5754

■ 585757

■ 60575B

Harmonies

Analogous

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



385427



12573C



005854

Triad

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



12573C



334C7A



743D2F

Complementary

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



12573C



57122D

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.



783845



12573C



594370

Square

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



12573C



005378



703B5C



66461F

Rectangle

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



12573C



005864



703B5C



773B36

Sweetspot

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



12573C



557066



2E5712



283832



B8B8B8



383838

Same Dimension

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



12573C



067046



125057



272B2A



006B41



00EB8F

Inverse Universe

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



57122D



70062F



571912



2B2729



6B002A



EB005C

Previews

White Background



This preview shows how the Hex color 12573C looks on a white background.

Color Contrast Check

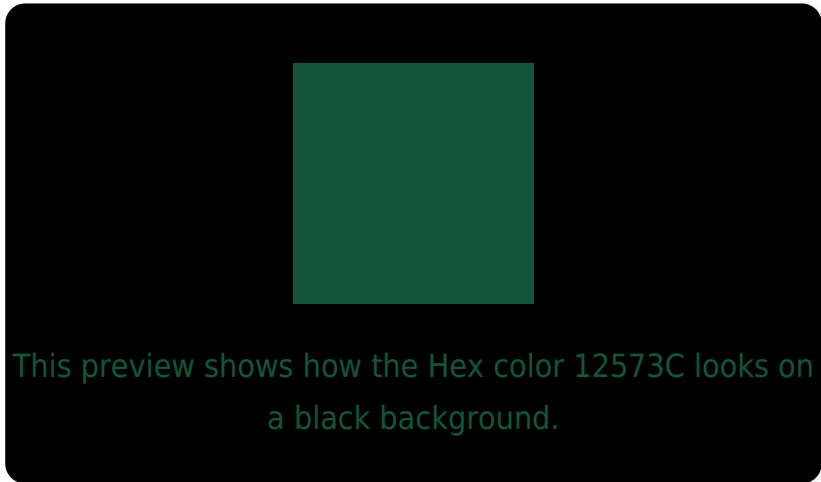
Large Text (above 18pt) WCAG AA ✓ Pass

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

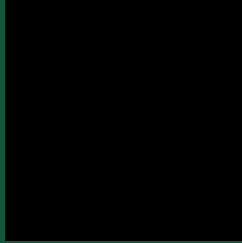
Any Text WCAG AA × Fail

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 12573C Background



This preview shows how black text looks on a background with the Hex color 12573C.



This preview shows how white text looks on a background with the Hex color 12573C.

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](#).

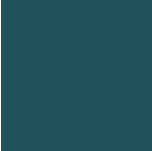
Dichromacy



Original Color
12573C

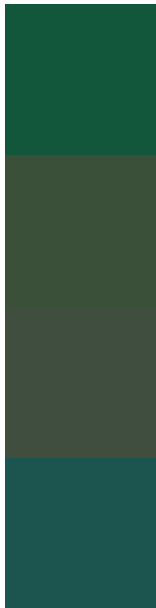
Protanopia
524C37

Deuteranopia
58493F



Tritanopia
22535A

Trichromacy



Original Color
12573C

Protanomaly
3B5039

Deuteranomaly
3F4E3E

Tritanomaly
1C544F

Monochromacy



Original Color
12573C

Achromatopsia
3F3F3F

Achromatomaly
2F483E

CSS Examples

Text

The CSS property to change the color of the text to Hex 12573C 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 #12573C looks like.

```
.text, #text, p{  
    color:#12573C  
}
```

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 #12573C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12573C
}
```

Border

The CSS property to change the border of an element to Hex 12573C 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
#12573C }
```

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

```
.border{ border-color:#12573C }
```

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

Here you see how a box with a 4 pixel #12573C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12573C; -webkit-box-shadow:4px 4px  
4px 4px #12573C; box-shadow:4px 4px 4px  
4px #12573C }
```

Background

The CSS property to change the background color of an element to Hex 12573C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12573C }
```

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

```
.background{ background-color:#12573C }
```

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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