

Converting Colors

Hex(10574A)

Have a look what the booklet for
Hex(10574A) contains.

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Color

Hex(10574A)

Conversions

Conversions Part 1

Format	Color
Hex	10574A
RGB	16, 87, 74
RGB Percent	6%, 34%, 29%
CMY	0.9373, 0.6588, 0.7098
CMYK	0.82, 0.00, 0.15, 0.66
HSL	169°, 69%, 20%
HSV	169°, 82%, 34%
XYZ	4.8579, 7.4210, 7.6549
YIQ	64.2890, -38.1430, -19.0950

Conversions

Conversions Part 2

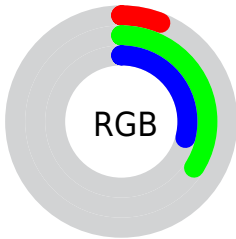
Format	Color
R_{YB}	16, 55, 87
Decimal	1070922
CIE _{Lab}	32.75, -24.56, 1.50
CIE _{LCh}	33, 24.605, 176.502
Yxy	7.4210, 0.2437, 0.3723
Android (android.graphics.Color)	4279261002 (0xFF10574A)
YUV	64.2890, 4.7875, -42.3495
Hunter-Lab	27.2414, -15.8410, 2.4084

Details

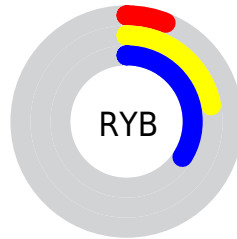
The Hex color **10574A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **57101D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **49897B**, and **00291E** is the 20% darker color. If you saturate the color by 10%, you get **075748**, and if you desaturate by 10%, it is **19574C**.

Distribution



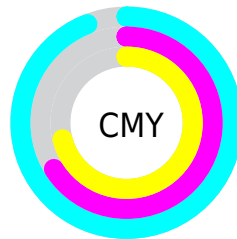
- Red (6%)
- Green (34%)
- Blue (29%)



- Red (6%)
- Yellow (22%)
- Blue (34%)



- Cyan (82%)
- Magenta (0%)
- Yellow (15%)
- Black (66%)



- Cyan (94%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10574A 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 10574A by changing the saturation by 10% instead.

 10574A

 10574A

FFFFFF

 003F33

 49897B

 00291E

 63A494

 001106

 7DBFAF

 000000

 98DBCA

 B4F8E6

 D0FFFF

 EDFFFF

 10574A

 10574A

■ 075748

■ 19574C

■ 005747

■ 21574D

■ 2A574F

■ 335750

■ 3C5752

■ 445754

■ 4D5755

■ 565757

■ 5E5758

Harmonies

Analogous

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



305537



10574A



00575E

Triad

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



10574A



4B4970



6A442D

Complementary

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



10574A



57101D

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.



723F3D



10574A



634263

Square

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



10574A



2A5073



703E50



5B4B26

Rectangle

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



10574A



005669



703E50



6E4232

Sweetspot

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



10574A



55706B



1D5710



283835



B8B8B8



383838

Same Dimension

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



10574A



02705C



104157



272B2B



006B57



00EBC0

Inverse Universe

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



57101D



700216



572610



2B2728



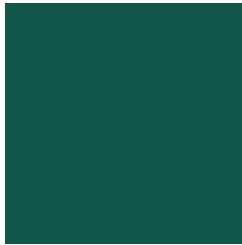
6B0014



EB002B

Previews

White Background



This preview shows how the Hex color 10574A looks on a white background.

Color Contrast Check

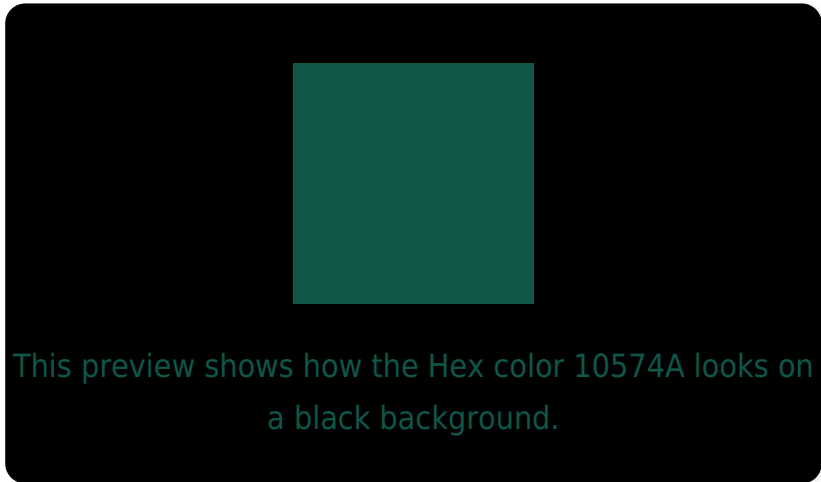
Large Text (above 18pt) WCAG AA ✓ Pass

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

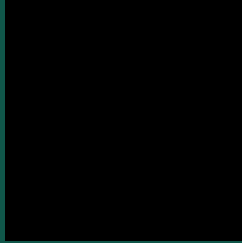
Any Text WCAG AA × Fail

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 10574A Background



This preview shows how black text looks on a background with the Hex color 10574A.



This preview shows how white text looks on a background with the Hex color 10574A.

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
10574A

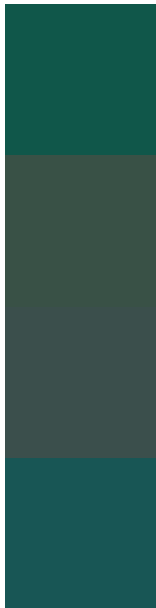
Protanopia
504D44

Deuteranopia
544A4D



Tritanopia
1C555B

Trichromacy



Original Color
10574A

Protanomaly
395146

Deuteranomaly
3B4F4C

Tritanomaly
185655

Monochromacy



Original Color
10574A

Achromatopsia
404040

Achromatomaly
2F4844

CSS Examples

Text

The CSS property to change the color of the text to Hex 10574A 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 #10574A looks like.

```
.text, #text, p{  
    color:#10574A  
}
```

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 #10574A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10574A
}
```

Border

The CSS property to change the border of an element to Hex 10574A 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
#10574A }
```

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

```
.border{ border-color:#10574A }
```

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

Here you see how a box with a 4 pixel #10574A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10574A; -webkit-box-shadow:4px 4px  
4px 4px #10574A; box-shadow:4px 4px 4px  
4px #10574A }
```

Background

The CSS property to change the background color of an element to Hex 10574A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10574A }
```

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

```
.background{ background-color:#10574A }
```

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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