

Converting Colors

Hex(17503A)

Have a look what the booklet for
Hex(17503A) contains.

Hex(17503A)	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(17503A)

Conversions

Conversions Part 1

Format	Color
Hex	17503A
RGB	23, 80, 58
RGB Percent	9%, 31%, 23%
CMY	0.9098, 0.6863, 0.7725
CMYK	0.71, 0.00, 0.28, 0.69
HSL	157°, 55%, 20%
HSV	157°, 71%, 31%
XYZ	3.9857, 6.2250, 4.9945
YIQ	60.4490, -26.9100, -18.9260

Conversions

Conversions Part 2

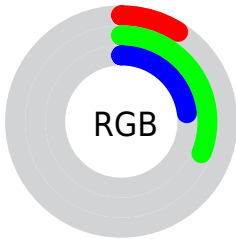
Format	Color
R_{YB}	23, 58, 80
Decimal	1527866
CIE _{Lab}	29.97, -24.45, 7.67
CIE _{LCh}	30, 25.624, 162.581
Yxy	6.2250, 0.2621, 0.4094
Android (android.graphics.Color)	4279717946 (0xFF17503A)
YUV	60.4490, -1.2074, -32.8428
Hunter-Lab	24.9499, -15.1470, 5.5963

Details

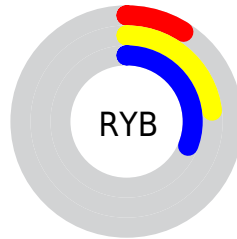
The Hex color **17503A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **50172D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4A8269**, and **002310** is the 20% darker color. If you saturate the color by 10%, you get **0F5037**, and if you desaturate by 10%, it is **1F503D**.

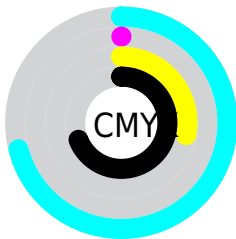
Distribution



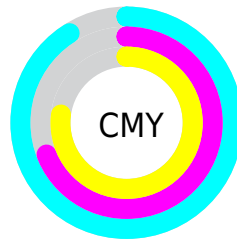
- Red (9%)
- Green (31%)
- Blue (23%)



- Red (9%)
- Yellow (23%)
- Blue (31%)



- Cyan (71%)
- Magenta (0%)
- Yellow (28%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17503A 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 17503A by changing the saturation by 10% instead.

 17503A

 17503A

FFFFFF

 003924

 4A8269

 002310

 649C82

 000000

 7EB79C


 98D3B7

 B4EFD3

 D0FFE7

 ECFFFF

 17503A

 17503A

■ 0F5037

■ 1F503D

■ 075034

■ 275040

■ 005031

■ 2F5043

■ 375046

■ 3F5049

■ 47504D

■ 4F5050

■ 575053

■ 5F5056

Harmonies

Analogous

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



354D28



17503A



00514F

Triad

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



17503A



35466D



693A2D

Complementary

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



17503A



50172D

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.



6C363F



17503A



533E64

Square

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



17503A



004C6C



663853



5C4120

Rectangle

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



17503A



00505B



663853



6B3832

Sweetspot

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



17503A



536960



2E5017



283630



B5B5B5



363636

Same Dimension

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



17503A



0F6946



174A50



252927



006940



00E88E

Inverse Universe

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



50172D



690F31



501D17



292526



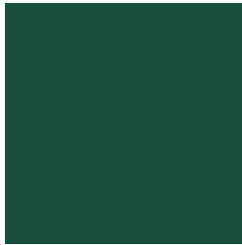
690028



E8005A

Previews

White Background



This preview shows how the Hex color 17503A looks on a white background.

Color Contrast Check

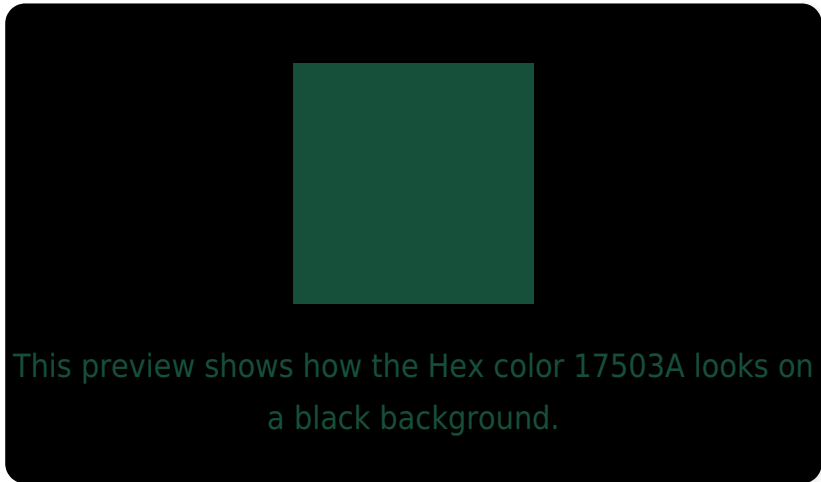
Large Text (above 18pt) WCAG AA ✓ Pass

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

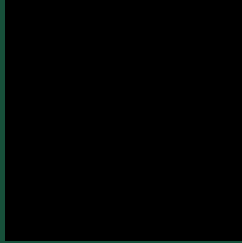
Any Text WCAG AA × Fail

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 17503A Background



This preview shows how black text looks on a background with the Hex color 17503A.



This preview shows how white text looks on a background with the Hex color 17503A.

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
17503A

Protanopia
4B4636

Deuteranopia
51443D



Tritanopia
224D53

Trichromacy



Original Color
17503A

Protanomaly
384A37

Deuteranomaly
3C483C

Tritanomaly
1E4E4A

Monochromacy



Original Color
17503A

Achromatopsia
3C3C3C

Achromatomaly
2F433B

CSS Examples

Text

The CSS property to change the color of the text to Hex 17503A 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 #17503A looks like.

```
.text, #text, p{  
    color:#17503A  
}
```

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 #17503A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17503A
}
```

Border

The CSS property to change the border of an element to Hex 17503A 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".

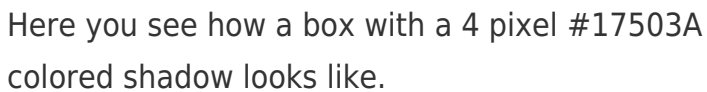
```
.border, #border, table{ border:4px solid
#17503A }
```

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

```
.border{ border-color:#17503A }
```

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

Here you see how a box with a 4 pixel #17503A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17503A; -webkit-box-shadow:4px 4px  
4px 4px #17503A; box-shadow:4px 4px 4px  
4px #17503A }
```

Background

The CSS property to change the background color of an element to Hex 17503A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17503A }
```

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

```
.background{ background-color:#17503A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor