

Converting Colors

Hex(17564E)

Have a look what the booklet for
Hex(17564E) contains.

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Color

Hex(17564E)

Conversions

Conversions Part 1

Format	Color
Hex	17564E
RGB	23, 86, 78
RGB Percent	9%, 34%, 31%
CMY	0.9098, 0.6627, 0.6941
CMYK	0.73, 0.00, 0.09, 0.66
HSL	172°, 58%, 21%
HSV	172°, 73%, 34%
XYZ	5.0563, 7.3878, 8.3672
YIQ	66.2510, -34.9800, -15.8440

Conversions

Conversions Part 2

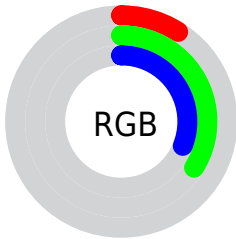
Format	Color
R_{YB}	23, 57, 86
Decimal	1529422
CIE _{Lab}	32.67, -21.75, -1.11
CIE _{LCh}	33, 21.782, 182.919
Yxy	7.3878, 0.2430, 0.3550
Android (android.graphics.Color)	4279719502 (0xFF17564E)
YUV	66.2510, 5.7923, -37.9311
Hunter-Lab	27.1805, -14.3602, 0.7746

Details

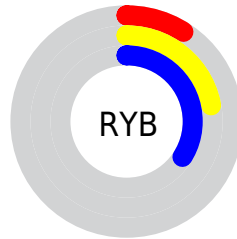
The Hex color **17564E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **56171F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4D887F**, and **002822** is the 20% darker color. If you saturate the color by 10%, you get **0E564D**, and if you desaturate by 10%, it is **20564F**.

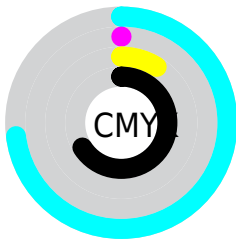
Distribution



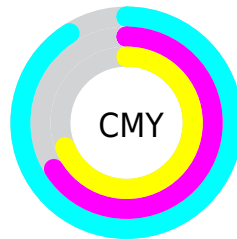
- Red (9%)
- Green (34%)
- Blue (31%)



- Red (9%)
- Yellow (22%)
- Blue (34%)



- Cyan (73%)
- Magenta (0%)
- Yellow (9%)
- Black (66%)



- Cyan (91%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17564E 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 17564E by changing the saturation by 10% instead.

 17564E

 17564E

FFFFFF

 003E37

 4D887F

 002822

 67A399

 00110C

 81BEB4

 000000

 9CDACF

 B8F6EB

 D4FFFF

 F1FFFF

 17564E

 17564E

■ 0E564D

■ 20564F

■ 06564C

■ 285650

■ 00564B

■ 315651

■ 395652

■ 425653

■ 4B5655

■ 535656

■ 5C5657

■ 645658

Harmonies

Analogous

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



30553D



17564E



00555F

Triad

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



17564E



51486A



65462F

Complementary

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



17564E



56171F

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.



6D413B



17564E



64425D

Square

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



17564E



364E6F



6D3F4C



564C2A

Rectangle

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



17564E



0B5468



6D3F4C



684432

Sweetspot

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



17564E



58706D



1F5617



2A3836



B8B8B8



383838

Same Dimension

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



17564E



0D7064



173F56



272B2B



006B5E



00EBCD

Inverse Universe

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



56171F



700D1A



562E17



2B2728



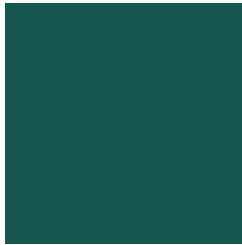
6B000E



EB001E

Previews

White Background



This preview shows how the Hex color 17564E looks on a white background.

Color Contrast Check

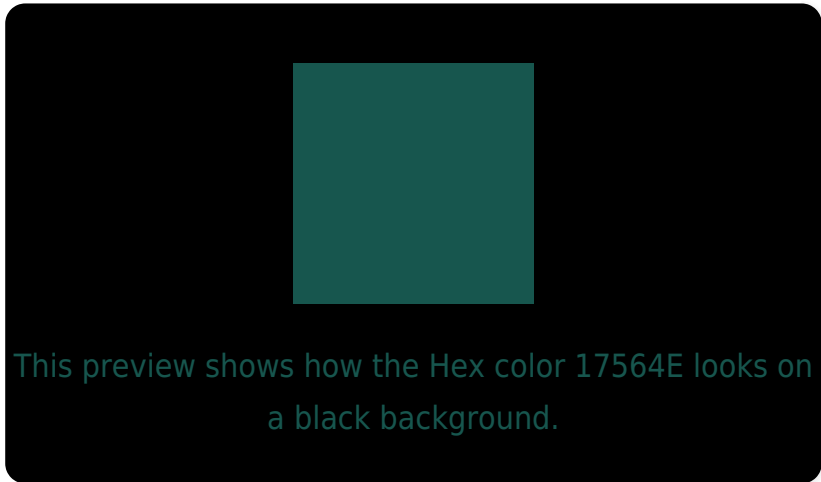
Large Text (above 18pt) WCAG AA ✓ Pass

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

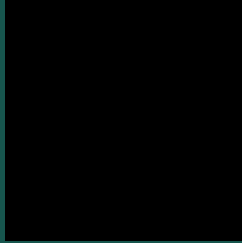
Any Text WCAG AA × Fail

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 17564E Background



This preview shows how black text looks on a background with the Hex color 17564E.



This preview shows how white text looks on a background with the Hex color 17564E.

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
17564E

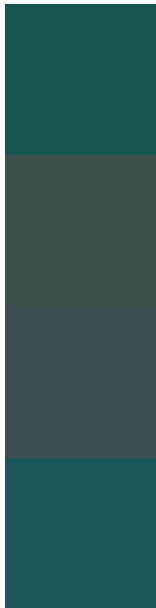
Protanopia
4F4C49

Deuteranopia
524A51



Tritanopia
1F545B

Trichromacy



Original Color
17564E

Protanomaly
3B504B

Deuteranomaly
3D4E50

Tritanomaly
1C5556

Monochromacy



Original Color
17564E

Achromatopsia
424242

Achromatomaly
324946

CSS Examples

Text

The CSS property to change the color of the text to Hex 17564E 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 #17564E looks like.

```
.text, #text, p{  
    color:#17564E  
}
```

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 #17564E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17564E
}
```

Border

The CSS property to change the border of an element to Hex 17564E 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
#17564E }
```

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

```
.border{ border-color:#17564E }
```

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

Here you see how a box with a 4 pixel #17564E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17564E; -webkit-box-shadow:4px 4px  
4px 4px #17564E; box-shadow:4px 4px 4px  
4px #17564E }
```

Background

The CSS property to change the background color of an element to Hex 17564E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17564E }
```

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

```
.background{ background-color:#17564E }
```

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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