

Converting Colors

Hex(15604E)

Have a look what the booklet for
Hex(15604E) contains.

Hex(15604E)	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(15604E)

Conversions

Conversions Part 1

Format	Color
Hex	15604E
RGB	21, 96, 78
RGB Percent	8%, 38%, 31%
CMY	0.9176, 0.6235, 0.6941
CMYK	0.78, 0.00, 0.19, 0.62
HSL	166°, 64%, 23%
HSV	166°, 78%, 38%
XYZ	5.8673, 9.0752, 8.6502
YIQ	71.5230, -38.9220, -21.4980

Conversions

Conversions Part 2

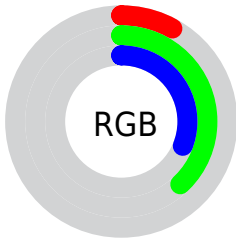
Format	Color
RYB	21, 64, 96
Decimal	1400910
CIELab	36.13, -27.09, 3.90
CIElCh	36, 27.365, 171.807
Yxy	9.0752, 0.2487, 0.3847
Android (android.graphics.Color)	4279590990 (0xFF15604E)
YUV	71.5230, 3.1932, -44.3087
Hunter-Lab	30.1251, -17.9537, 4.0629

Details

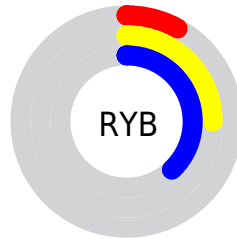
The Hex color **15604E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **601527**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4D937F**, and **003122** is the 20% darker color. If you saturate the color by 10%, you get **0B604C**, and if you desaturate by 10%, it is **1F6050**.

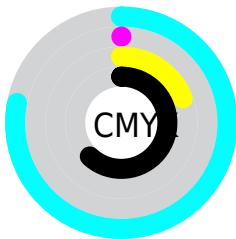
Distribution



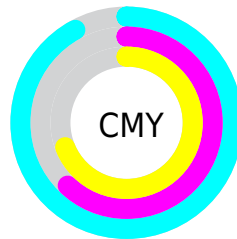
- Red (8%)
- Green (38%)
- Blue (31%)



- Red (8%)
- Yellow (25%)
- Blue (38%)



- Cyan (78%)
- Magenta (0%)
- Yellow (19%)
- Black (62%)




- Cyan (92%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15604E 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 15604E by changing the saturation by 10% instead.

 15604E

 15604E

FFFFFF

 004837

 4D937F

 003122

 68AE99

 001E0C

 83CAB4

 000000

 9EE6CF

 BAFFEB

 D6FFFF

 F3FFFF

 15604E

 15604E

■ 0B604C

■ 1F6050

■ 026049

■ 286053

■ 006049

■ 326055

■ 3B6057

■ 45605A

■ 4F605C

■ 58605E

■ 626060

■ 6B6063

Harmonies

Analogous

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



395D39



15604E



006065

Triad

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



15604E



4E527E



784A33

Complementary

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



15604E



601527

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.



7F4446



15604E



6A4970

Square

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



15604E



235980



7B445C



685229

Rectangle

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



15604E



005F72



7B445C



7B4739

Sweetspot

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



15604E



607D76



286015



2E403B



BFBFBF



404040

Same Dimension

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



15604E



077D61



154D60



2C302F



007055



00F0B6

Inverse Universe

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



601527



7D0724



602815



302C2D



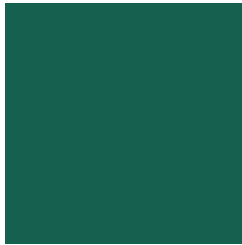
70001B



F0003A

Previews

White Background



This preview shows how the Hex color 15604E looks on a white background.

Color Contrast Check

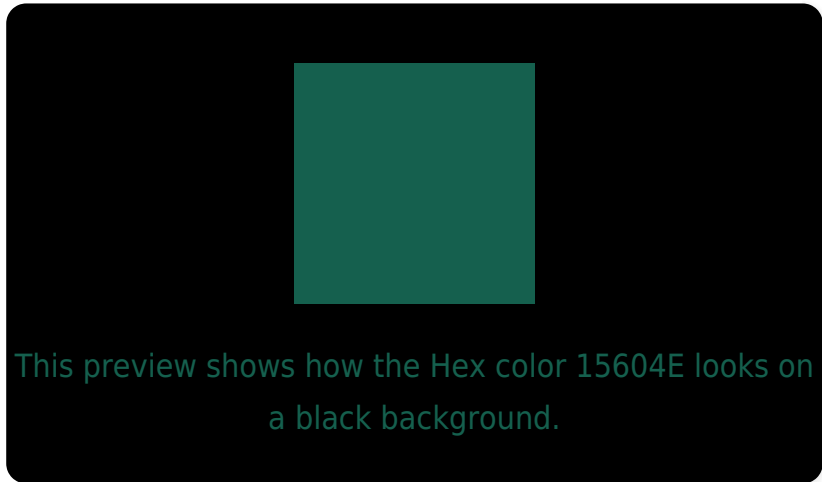
Large Text (above 18pt) WCAG AA ✓ Pass

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 15604E Background



This preview shows how black text looks on a background with the Hex color 15604E.



This preview shows how white text looks on a background with the Hex color 15604E.

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
15604E

Protanopia
595448

Deuteranopia
5E5251



Tritanopia
225D64

Trichromacy



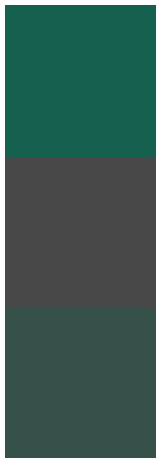
Original Color
15604E

Protanomaly
40584A

Deuteranomaly
435750

Tritanomaly
1D5E5C

Monochromacy



Original Color
15604E

Achromatopsia
484848

Achromatomaly
35514A

CSS Examples

Text

The CSS property to change the color of the text to Hex 15604E 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 #15604E looks like.

```
.text, #text, p{  
    color:#15604E  
}
```

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 #15604E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15604E
}
```

Border

The CSS property to change the border of an element to Hex 15604E 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
#15604E }
```

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

```
.border{ border-color:#15604E }
```

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

Here you see how a box with a 4 pixel #15604E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15604E; -webkit-box-shadow:4px 4px  
4px 4px #15604E; box-shadow:4px 4px 4px  
4px #15604E }
```

Background

The CSS property to change the background color of an element to Hex 15604E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15604E }
```

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

```
.background{ background-color:#15604E }
```

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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