

Converting Colors

Hex(15626E)

Have a look what the booklet for
Hex(15626E) contains.

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Color

Hex(15626E)

Conversions

Conversions Part 1

Format	Color
Hex	15626E
RGB	21, 98, 110
RGB Percent	8%, 38%, 43%
CMY	0.9176, 0.6157, 0.5686
CMYK	0.81, 0.11, 0.00, 0.57
HSL	188°, 68%, 26%
HSV	188°, 81%, 43%
XYZ	7.4914, 10.0206, 16.2912
YIQ	76.3450, -49.7440, -12.5920

Conversions

Conversions Part 2

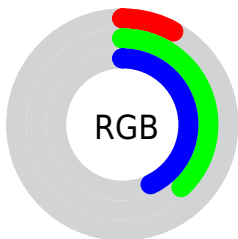
Format	Color
R_{YB}	21, 62, 110
Decimal	1401454
CIE _{Lab}	37.88, -17.86, -13.28
CIE _{LCh}	38, 22.258, 216.633
Yxy	10.0206, 0.2216, 0.2964
Android (android.graphics.Color)	4279591534 (0xFF15626E)
YUV	76.3450, 16.5919, -48.5376
Hunter-Lab	31.6553, -13.1537, -8.3545

Details

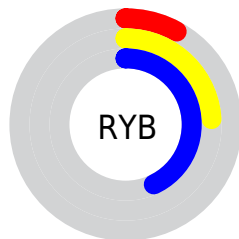
The Hex color **15626E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E2115**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5195A2**, and **00333E** is the 20% darker color. If you saturate the color by 10%, you get **0A616E**, and if you desaturate by 10%, it is **20636E**.

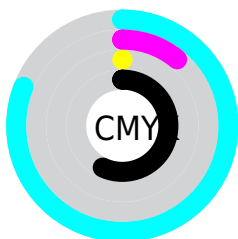
Distribution



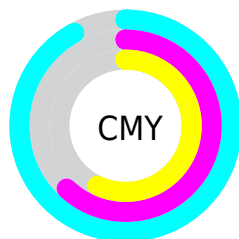
- Red (8%)
- Green (38%)
- Blue (43%)



- Red (8%)
- Yellow (24%)
- Blue (43%)



- Cyan (81%)
- Magenta (11%)
- Yellow (0%)
- Black (57%)



- Cyan (92%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15626E 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 15626E by changing the saturation by 10% instead.



15626E



15626E

FFFFFF



004A56



5195A2



00333E



6DB0BD



001F28



88CBD8



000114



A4E7F5



000000



C0FFFF



DDFFFF



FAFFFF



15626E



15626E

■ 0A616E

■ 20636E

■ 005F6E

■ 2B656E

■ 36666E

■ 41686E

■ 4C696E

■ 576B6E

■ 626C6E

■ 6D6E6E

■ 786F6E

Harmonies

Analogous

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



21635D



15626E



295F7A

Triad

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



15626E



734D68



615935

Complementary

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



15626E



6E2115

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.



715339



15626E



7C4B56

Square

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



15626E



615376



7B4E45



4E5E3C

Rectangle

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



15626E



3C5C7D



7B4E45



675735

Sweetspot

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



15626E



6D8A8F



156E21



334547



C7C7C7



474747

Same Dimension

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



15626E



047C8F



15366E



323738



006878



00D6F7

Inverse Universe

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



6E1562



8F047C



6E4D15



383237



780068



F700D6

Previews

White Background



This preview shows how the Hex color 15626E looks on a white background.

Color Contrast Check

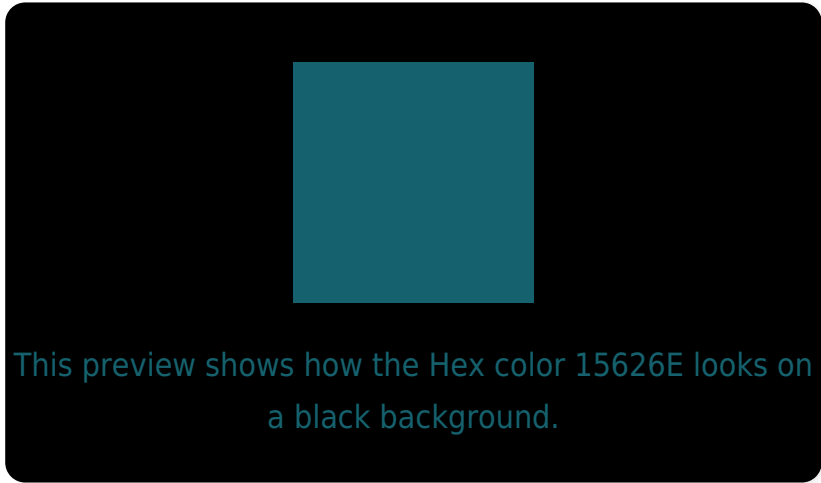
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

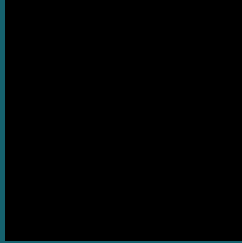
Any Text WCAG AA × Fail

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 15626E Background



This preview shows how black text looks on a background with the Hex color 15626E.

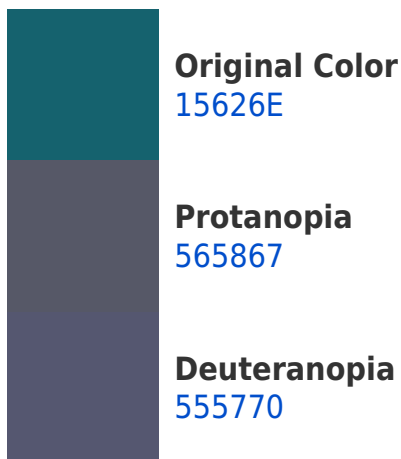


This preview shows how white text looks on a background with the Hex color 15626E.

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](#).

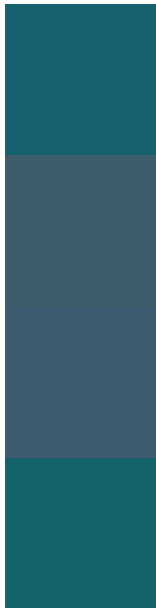
Dichromacy





Tritanopia
11636B

Trichromacy



Original Color
15626E

Protanomaly
3E5C6A

Deuteranomaly
3E5B6F

Tritanomaly
12636C

Monochromacy



Original Color
15626E

Achromatopsia
4C4C4C

Achromatomaly
385458

CSS Examples

Text

The CSS property to change the color of the text to Hex 15626E 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 #15626E looks like.

```
.text, #text, p{  
    color:#15626E  
}
```

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 #15626E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15626E
}
```

Border

The CSS property to change the border of an element to Hex 15626E 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
#15626E }
```

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

```
.border{ border-color:#15626E }
```

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

Here you see how a box with a 4 pixel #15626E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15626E; -webkit-box-shadow:4px 4px  
4px 4px #15626E; box-shadow:4px 4px 4px  
4px #15626E }
```

Background

The CSS property to change the background color of an element to Hex 15626E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15626E }
```

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

```
.background{ background-color:#15626E }
```

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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