

Converting Colors

Hex(15495E)

Have a look what the booklet for
Hex(15495E) contains.

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Color

Hex(15495E)

Conversions

Conversions Part 1

Format	Color
Hex	15495E
RGB	21, 73, 94
RGB Percent	8%, 29%, 37%
CMY	0.9176, 0.7137, 0.6314
CMYK	0.78, 0.22, 0.00, 0.63
HSL	197°, 63%, 23%
HSV	197°, 78%, 37%
XYZ	4.7122, 5.7327, 11.4478
YIQ	59.8460, -37.7330, -4.4930

Conversions

Conversions Part 2

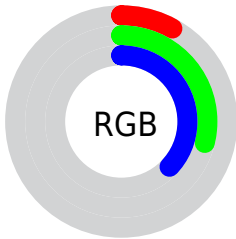
Format	Color
R_{YB}	21, 51, 94
Decimal	1395038
CIE _{Lab}	28.73, -9.11, -17.28
CIE _{LCh}	29, 19.534, 242.198
Yxy	5.7327, 0.2152, 0.2619
Android (android.graphics.Color)	4279585118 (0xFF15495E)
YUV	59.8460, 16.8379, -34.0679
Hunter-Lab	23.9430, -6.7699, -11.5882

Details

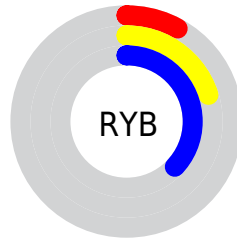
The Hex color **15495E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5E2A15**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4C7A90**, and **001E30** is the 20% darker color. If you saturate the color by 10%, you get **0C465E**, and if you desaturate by 10%, it is **1E4C5E**.

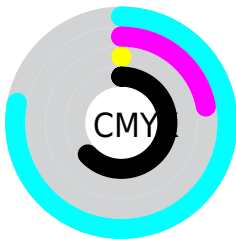
Distribution



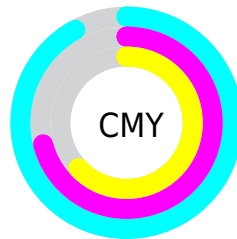
- Red (8%)
- Green (29%)
- Blue (37%)



- Red (8%)
- Yellow (20%)
- Blue (37%)



- Cyan (78%)
- Magenta (22%)
- Yellow (0%)
- Black (63%)



- Cyan (92%)
- Magenta (71%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15495E 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 15495E by changing the saturation by 10% instead.

■ 15495E

■ 15495E

FFFFFF

■ 003246

■ 4C7A90

■ 001E30

■ 6693AB

■ 00011B

■ 81AEC6

■ 000000

■ 9CC9E2

■ B7E5FF

■ D4FFFF

■ F1FFFF

■ 15495E

■ 15495E

■ 0C465E

■ 1E4C5E

■ 02445E

■ 284E5E

■ 00435E

■ 31515E

■ 3B545E

■ 44575E

■ 4D595E

■ 575C5E

■ 605F5E

■ 6A615E

Harmonies

Analogous

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



044B53



15495E



304562

Triad

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



15495E



603843



3D482A

Complementary

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



15495E



5E2A15

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.



4D4325



15495E



603A34

Square

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



15495E



583A52



593E29



2B4B35

Rectangle

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



15495E



404160



593E29



424627

Sweetspot

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



15495E



5E727A



155E2A



2C383D



BDBDBD



3D3D3D

Same Dimension

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



15495E



095A7A



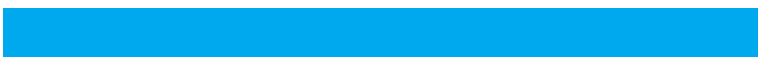
15255E



292D2E



004E6E



00A9ED

Inverse Universe

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



5E1549



7A095A



5E4E15



2E292D



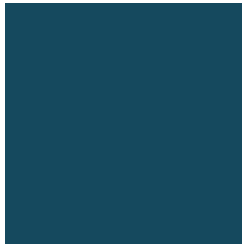
6E004E



ED00A9

Previews

White Background



This preview shows how the Hex color 15495E looks on a white background.

Color Contrast Check

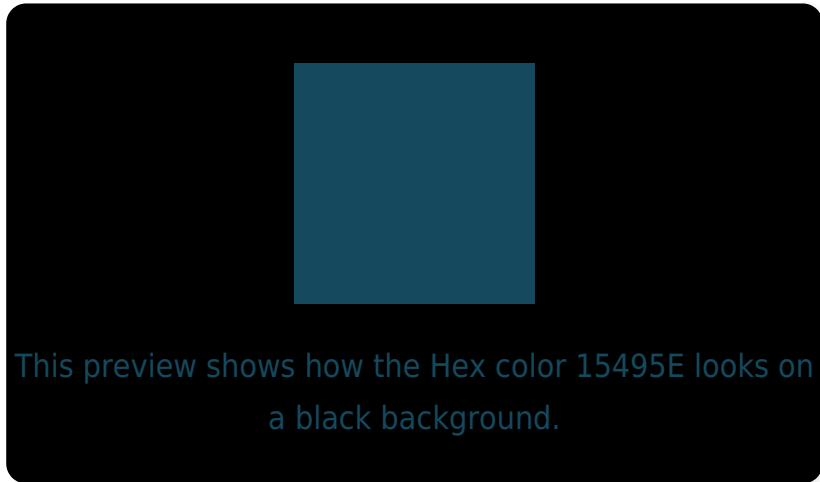
Large Text (above 18pt) WCAG AA ✓ Pass

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

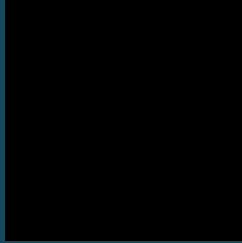
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

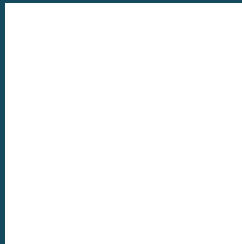
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 15495E Background



This preview shows how black text looks on a background with the Hex color 15495E.

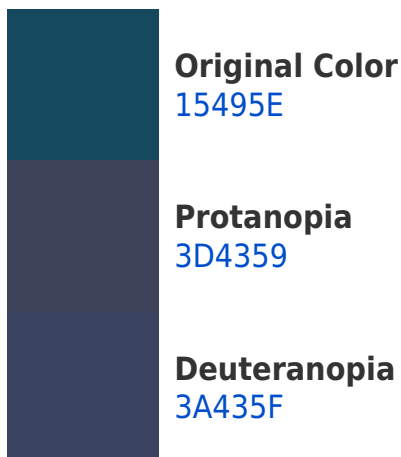


This preview shows how white text looks on a background with the Hex color 15495E.

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](#).

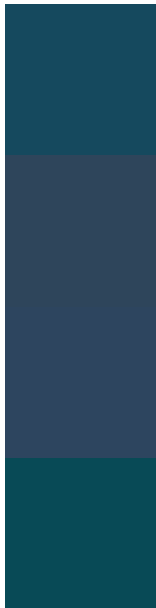
Dichromacy





Tritanopia
004B51

Trichromacy



Original Color
15495E

Protanomaly
2E455B

Deuteranomaly
2D455F

Tritanomaly
084A56

Monochromacy



Original Color
15495E

Achromatopsia
3C3C3C

Achromatomaly
2E4148

CSS Examples

Text

The CSS property to change the color of the text to Hex 15495E 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 #15495E looks like.

```
.text, #text, p{  
    color:#15495E  
}
```

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 #15495E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15495E
}
```

Border

The CSS property to change the border of an element to Hex 15495E 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
#15495E }
```

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

```
.border{ border-color:#15495E }
```

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

Here you see how a box with a 4 pixel #15495E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15495E; -webkit-box-shadow:4px 4px  
4px 4px #15495E; box-shadow:4px 4px 4px  
4px #15495E }
```

Background

The CSS property to change the background color of an element to Hex 15495E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15495E }
```

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

```
.background{ background-color:#15495E }
```

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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