

Converting Colors

Hex(18495A)

Have a look what the booklet for
Hex(18495A) contains.

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Color

Hex(18495A)

Conversions

Conversions Part 1

Format	Color
Hex	18495A
RGB	24, 73, 90
RGB Percent	9%, 29%, 35%
CMY	0.9059, 0.7137, 0.6471
CMYK	0.73, 0.19, 0.00, 0.65
HSL	195°, 58%, 22%
HSV	195°, 73%, 35%
XYZ	4.6047, 5.6975, 10.5299
YIQ	60.2870, -34.6610, -5.1010

Conversions

Conversions Part 2

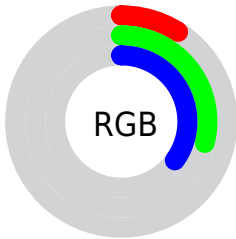
Format	Color
RYB	24, 52, 90
Decimal	1591642
CIELab	28.64, -10.12, -14.84
CIELCh	29, 17.966, 235.707
Yxy	5.6975, 0.2210, 0.2735
Android (android.graphics.Color)	4279781722 (0xFF18495A)
YUV	60.2870, 14.6485, -31.8237
Hunter-Lab	23.8694, -7.3365, -9.4470

Details

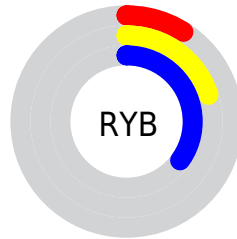
The Hex color **18495A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5A2918**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4D7A8C**, and **001D2C** is the 20% darker color. If you saturate the color by 10%, you get **0F475A**, and if you desaturate by 10%, it is **214B5A**.

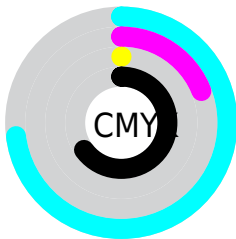
Distribution



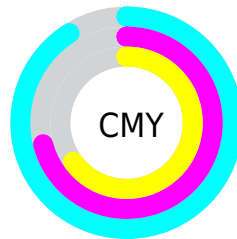
- Red (9%)
- Green (29%)
- Blue (35%)



- Red (9%)
- Yellow (20%)
- Blue (35%)



- Cyan (73%)
- Magenta (19%)
- Yellow (0%)
- Black (65%)



- Cyan (91%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18495A 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 18495A by changing the saturation by 10% instead.



18495A



18495A

FFFFFF



003243



4D7A8C



001D2C



6793A6



000118



81AEC2



000000



9CC9DE



B8E5FA



D4FFFF



F1FFFF



18495A



18495A

■ 0F475A

■ 214B5A

■ 06445A

■ 2A4E5A

■ 00435A

■ 33505A

■ 3C525A

■ 45555A

■ 4E575A

■ 57595A

■ 605C5A

■ 695E5A

Harmonies

Analogous

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



124B4F



18495A



2D455F

Triad

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



18495A



5D3946



41462A

Complementary

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



18495A



5A2918

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.



4F4228



18495A



5F3A38

Square

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



18495A



533C53



593D2D



304933

Rectangle

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



18495A



3C425E



593D2D



464529

Sweetspot

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



18495A



5B6F75



185A29



2B373B



BABABA



3B3B3B

Same Dimension

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



18495A



0E5B75



18295A



292D2E



00516E



00B0ED

Inverse Universe

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



5A1849



750E5B



5A4A18



2E292D



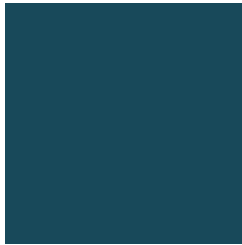
6E0051



ED00B0

Previews

White Background



This preview shows how the Hex color 18495A looks on a white background.

Color Contrast Check

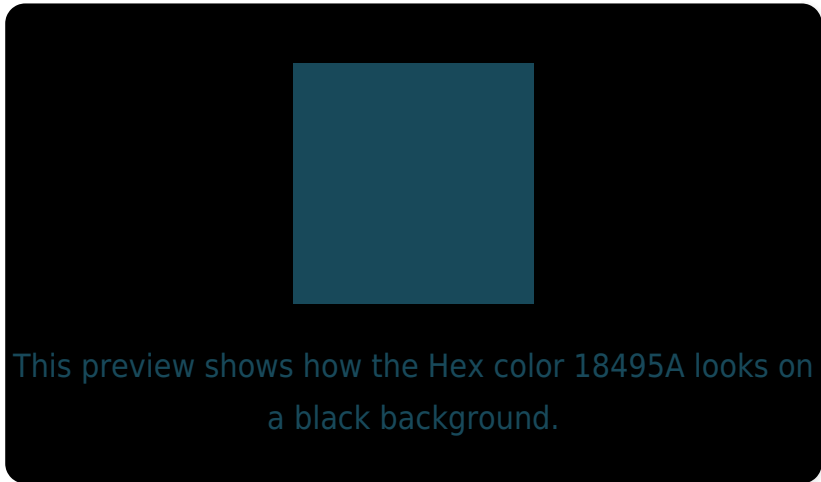
Large Text (above 18pt) WCAG AA ✓ Pass

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

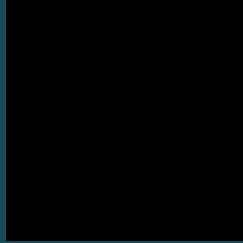
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

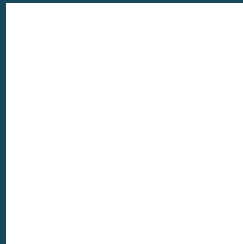
Any Text WCAG AAA × Fail

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

Hex 18495A Background



This preview shows how black text looks on a background with the Hex color 18495A.



This preview shows how white text looks on a background with the Hex color 18495A.

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
18495A

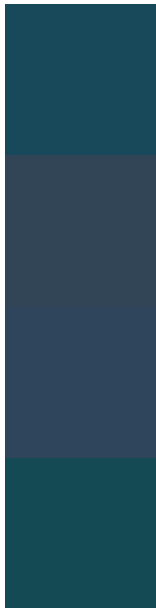
Protanopia
3F4355

Deuteranopia
3C425B



Tritanopia
104B51

Trichromacy



Original Color
18495A

Protanomaly
314557

Deuteranomaly
2F455B

Tritanomaly
134A54

Monochromacy



Original Color
18495A

Achromatopsia
3C3C3C

Achromatomaly
2F4147

CSS Examples

Text

The CSS property to change the color of the text to Hex 18495A 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 #18495A looks like.

```
.text, #text, p{  
    color:#18495A  
}
```

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 #18495A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18495A
}
```

Border

The CSS property to change the border of an element to Hex 18495A 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
#18495A }
```

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

```
.border{ border-color:#18495A }
```

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

Here you see how a box with a 4 pixel #18495A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18495A; -webkit-box-shadow:4px 4px  
4px 4px #18495A; box-shadow:4px 4px 4px  
4px #18495A }
```

Background

The CSS property to change the background color of an element to Hex 18495A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18495A }
```

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

```
.background{ background-color:#18495A }
```

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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