

Converting Colors

Hex(1A535A)

Have a look what the booklet for
Hex(1A535A) contains.

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Color

Hex(1A535A)

Conversions

Conversions Part 1

Format	Color
Hex	1A535A
RGB	26, 83, 90
RGB Percent	10%, 33%, 35%
CMY	0.8980, 0.6745, 0.6471
CMYK	0.71, 0.08, 0.00, 0.65
HSL	187°, 55%, 23%
HSV	187°, 71%, 35%
XYZ	5.3647, 7.1443, 10.7691
YIQ	66.7550, -36.2190, -9.9070

Conversions

Conversions Part 2

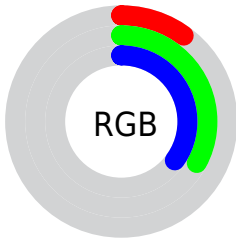
Format	Color
R _Y B	26, 56, 90
Decimal	1725274
CIE Lab	32.13, -15.67, -9.50
CIE LCh	32, 18.331, 211.228
Yxy	7.1443, 0.2305, 0.3069
Android (android.graphics.Color)	4279915354 (0xFF1A535A)
YUV	66.7550, 11.4598, -35.7421
Hunter-Lab	26.7288, -10.9489, -5.1779




Details

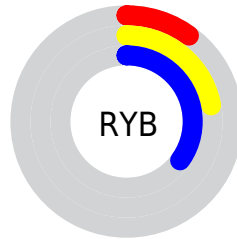
The Hex color **1A535A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A211A**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **4F858C**, and **00262C** is the 20% darker color. If you saturate the color by 10%, you get **11525A**, and if you desaturate by 10%, it is **23545A**.

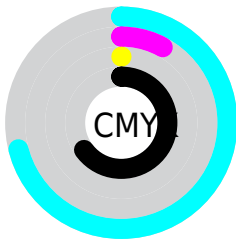
Distribution







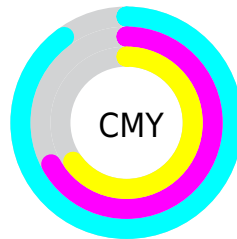
-  Red (10%)
-  Green (33%)
-  Blue (35%)






-  Red (10%)
-  Yellow (22%)
-  Blue (35%)



-  Cyan (71%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (90%)
-  Magenta (67%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A535A 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 1A535A by changing the saturation by 10% instead.

 1A535A

 1A535A


FFFFFF

 003C43

 4F858C

 00262C

 699FA6

 000F18

 84BAC2

 000000

 9FD6DD

 BBF2FA

 D7FFFF

 F4FFFF

 1A535A

 1A535A

■ 11525A

■ 23545A

■ 08515A

■ 2C555A

■ 00505A

■ 35565A

■ 3E575A

■ 47585A

■ 50595A

■ 595A5A

■ 625B5A

■ 6B5C5A

Harmonies

Analogous

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



24534C



1A535A



245164

Triad

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



1A535A



5E435A



554B2F

Complementary

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



1A535A



5A211A

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.



614633



1A535A



67414C

Square

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



1A535A



4E4864



68423D



464F33

Rectangle

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



1A535A



324E68



68423D



59492F

Sweetspot

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



1A535A



5D7375



1A5A20



2C393B



BABABA



3B3B3B

Same Dimension

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



1A535A



126A75



1A345A



292D2E



00626E



00D3ED

Inverse Universe

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



5A1A53



75126A



5A401A



2E292D



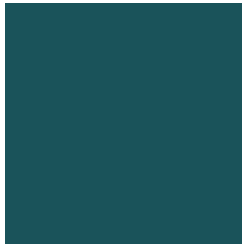
6E0062



ED00D3

Previews

White Background



This preview shows how the Hex color 1A535A looks on a white background.

Color Contrast Check

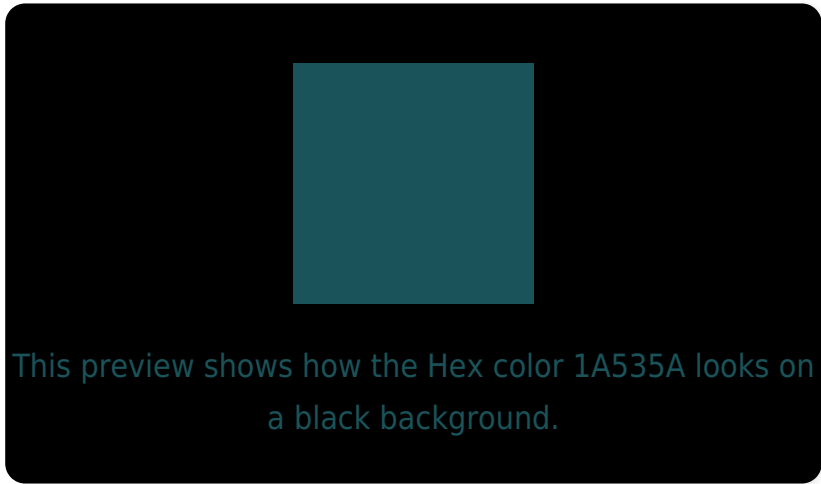
Large Text (above 18pt) WCAG AA ✓ Pass

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

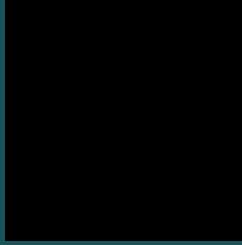
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

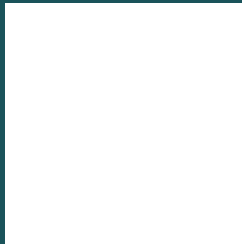
Any Text WCAG AAA × Fail

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

Hex 1A535A Background



This preview shows how black text looks on a background with the Hex color 1A535A.



This preview shows how white text looks on a background with the Hex color 1A535A.

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
1A535A

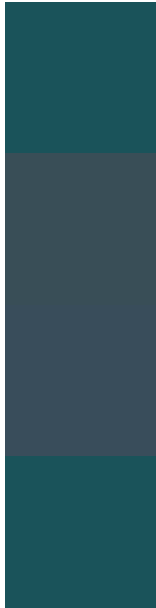
Protanopia
4A4B55

Deuteranopia
4A4A5C



Tritanopia
1A535A

Trichromacy



Original Color
1A535A

Protanomaly
394E57

Deuteranomaly
394D5B

Tritanomaly
1A535A

Monochromacy



Original Color
1A535A

Achromatopsia
434343

Achromatomaly
34494B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A535A 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 #1A535A looks like.

```
.text, #text, p{  
    color:#1A535A  
}
```

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 #1A535A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A535A
}
```

Border

The CSS property to change the border of an element to Hex 1A535A 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
#1A535A }
```

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

```
.border{ border-color:#1A535A }
```

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

Here you see how a box with a 4 pixel #1A535A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A535A; -webkit-box-shadow:4px 4px  
4px 4px #1A535A; box-shadow:4px 4px 4px  
4px #1A535A }
```

Background

The CSS property to change the background color of an element to Hex 1A535A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A535A }
```

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

```
.background{ background-color:#1A535A }
```

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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