

Converting Colors

Hex(1A535E)

Have a look what the booklet for
Hex(1A535E) contains.

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Color

Hex(1A535E)

Conversions

Conversions Part 1

Format	Color
Hex	1A535E
RGB	26, 83, 94
RGB Percent	10%, 33%, 37%
CMY	0.8980, 0.6745, 0.6314
CMYK	0.72, 0.12, 0.00, 0.63
HSL	190°, 57%, 24%
HSV	190°, 72%, 37%
XYZ	5.5396, 7.2143, 11.6902
YIQ	67.2110, -37.5030, -8.6630

Conversions

Conversions Part 2

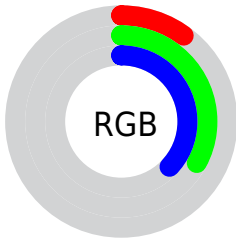
Format	Color
R_{YB}	26, 57, 94
Decimal	1725278
CIE Lab	32.29, -14.29, -11.80
CIE LCh	32, 18.529, 219.550
Yxy	7.2143, 0.2266, 0.2951
Android (android.graphics.Color)	4279915358 (0xFF1A535E)
YUV	67.2110, 13.2070, -36.1420
Hunter-Lab	26.8594, -10.1891, -7.0036




Details

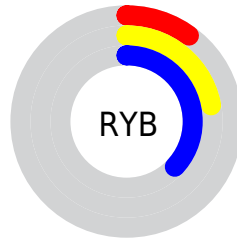
The Hex color **1A535E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E251A**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **508590**, and **002630** is the 20% darker color. If you saturate the color by 10%, you get **11515E**, and if you desaturate by 10%, it is **23555E**.

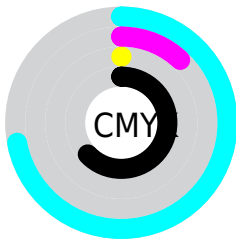
Distribution







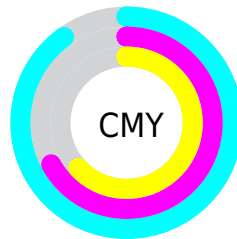
-  Red (10%)
-  Green (33%)
-  Blue (37%)






-  Red (10%)
-  Yellow (22%)
-  Blue (37%)



-  Cyan (72%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (90%)
-  Magenta (67%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A535E 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 1A535E by changing the saturation by 10% instead.

■ 1A535E

■ 1A535E

FFFFFF

■ 003C46

■ 508590

■ 002630

■ 6A9FAB

■ 00101B

■ 85BAC6

■ 000000

■ A0D6E2

■ BCF2FF

■ D8FFFF

■ F5FFFF

■ 1A535E

■ 1A535E

■ 11515E

■ 23555E

■ 07505E

■ 2D565E

■ 004F5E

■ 36585E

■ 40595E

■ 495B5E

■ 525C5E

■ 5C5E5E

■ 655F5E

■ 6F615E

Harmonies

Analogous

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



205450



1A535E



295067

Triad

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



1A535E



624256



514D2F

Complementary

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



1A535E



5E251A

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.



5F4831



1A535E



694148

Square

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



1A535E



544762



67433A



415135

Rectangle

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



1A535E



384D69



67433A



564B2F

Sweetspot

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



1A535E



5F767A



1A5E24



2D3B3D



BDBDBD



3D3D3D

Same Dimension

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



1A535E



10697A



1A325E



292D2E



005C6E



00C7ED

Inverse Universe

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



5E1A53



7A1069



5E461A



2E292D



6E005C



ED00C7

Previews

White Background



This preview shows how the Hex color 1A535E looks on a white background.

Color Contrast Check

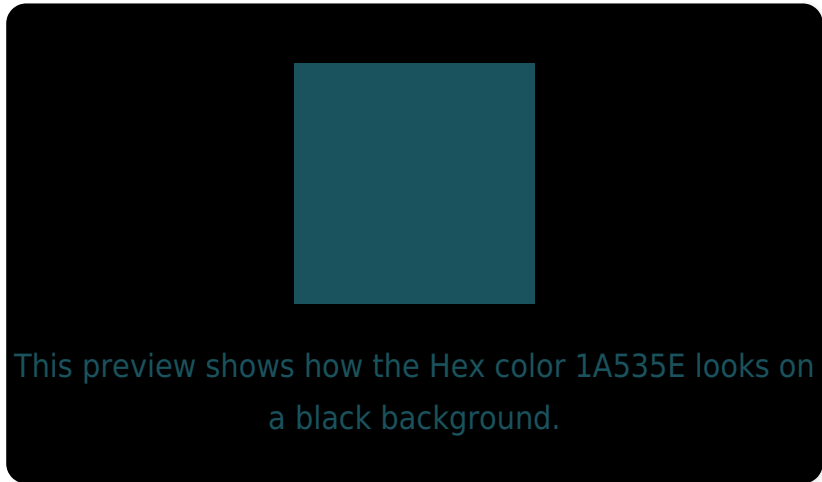
Large Text (above 18pt) WCAG AA ✓ Pass

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

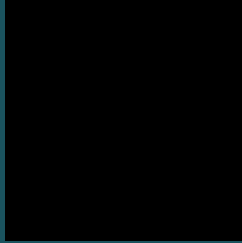
Any Text WCAG AA × Fail

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 1A535E Background



This preview shows how black text looks on a background with the Hex color 1A535E.

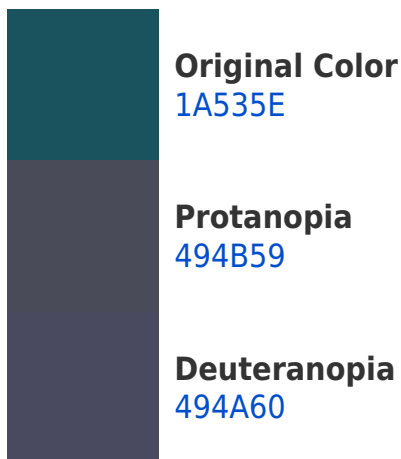



This preview shows how white text looks on a background with the Hex color 1A535E.

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](#).

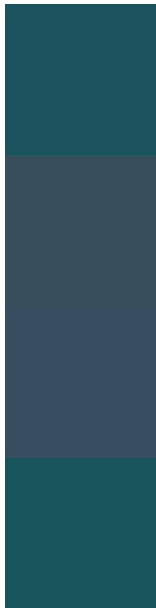
Dichromacy





Tritanopia
17545A

Trichromacy



Original Color
1A535E

Protanomaly
384E5B

Deuteranomaly
384D5F

Tritanomaly
18545B

Monochromacy



Original Color
1A535E

Achromatopsia
434343

Achromatomaly
34494D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A535E 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 #1A535E looks like.

```
.text, #text, p{  
    color:#1A535E  
}
```

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 #1A535E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A535E
}
```

Border

The CSS property to change the border of an element to Hex 1A535E 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
#1A535E }
```

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

```
.border{ border-color:#1A535E }
```

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

Here you see how a box with a 4 pixel #1A535E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A535E; -webkit-box-shadow:4px 4px  
4px 4px #1A535E; box-shadow:4px 4px 4px  
4px #1A535E }
```

Background

The CSS property to change the background color of an element to Hex 1A535E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A535E }
```

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

```
.background{ background-color:#1A535E }
```

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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