

Converting Colors

Hex(1B535C)

Have a look what the booklet for
Hex(1B535C) contains.

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Color

Hex(1B535C)

Conversions

Conversions Part 1

Format	Color
Hex	1B535C
RGB	27, 83, 92
RGB Percent	11%, 33%, 36%
CMY	0.8941, 0.6745, 0.6392
CMYK	0.71, 0.10, 0.00, 0.64
HSL	188°, 55%, 23%
HSV	188°, 71%, 36%
XYZ	5.4770, 7.1922, 11.2248
YIQ	67.2820, -36.2650, -9.0730

Conversions

Conversions Part 2

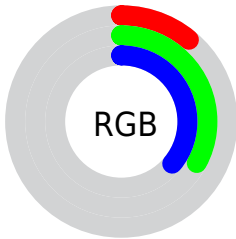
Format	Color
R_{YB}	27, 57, 92
Decimal	1790812
CIE _{Lab}	32.24, -14.81, -10.60
CIE _{LCh}	32, 18.214, 215.608
Yxy	7.1922, 0.2292, 0.3010
Android (android.graphics.Color)	4279980892 (0xFF1B535C)
YUV	67.2820, 12.1860, -35.3273
Hunter-Lab	26.8183, -10.4776, -6.0429




Details

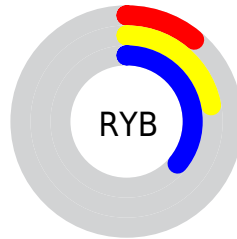
The Hex color **1B535C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C241B**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **50858E**, and **00262E** is the 20% darker color. If you saturate the color by 10%, you get **12525C**, and if you desaturate by 10%, it is **24545C**.

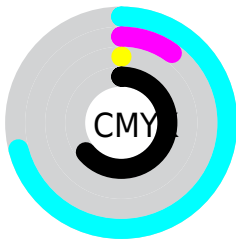
Distribution







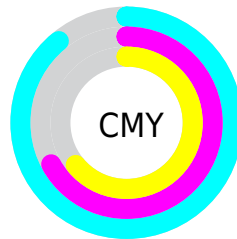
-  Red (11%)
-  Green (33%)
-  Blue (36%)






-  Red (11%)
-  Yellow (22%)
-  Blue (36%)



-  Cyan (71%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (89%)
-  Magenta (67%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B535C 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 1B535C by changing the saturation by 10% instead.

■ 1B535C

■ 1B535C

FFFFFF

■ 003C44

■ 50858E

■ 00262E

■ 6A9FA9

■ 00101A

■ 85BAC4

■ 000000

■ A0D6E0

■ BCF2FC

■ D8FFFF

■ F5FFFF

■ 1B535C

■ 1B535C

■ 12525C

■ 24545C

■ 09505C

■ 2D565C

■ 004F5C

■ 37575C

■ 40585C

■ 49595C

■ 525B5C

■ 5B5C5C

■ 655D5C

■ 6E5E5C

Harmonies

Analogous

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



22544E



1B535C



275066

Triad

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



1B535C



604358



534C2F

Complementary

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



1B535C



5C241B

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.



604732



1B535C



68414A

Square

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



1B535C



514763



67433C



445034

Rectangle

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



1B535C



354E68



67433C



584A2F

Sweetspot

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



1B535C



5F7478



1B5C24



2E3B3D



BDBDBD



3D3D3D

Same Dimension

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



1B535C



126A78



1B335C



292D2E



005E6E



00CCED

Inverse Universe

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



5C1B53



78126A



5C441B



2E292D



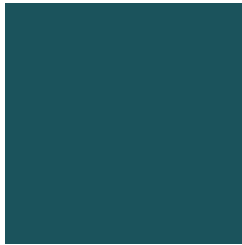
6E005E



ED00CC

Previews

White Background



This preview shows how the Hex color 1B535C looks on a white background.

Color Contrast Check

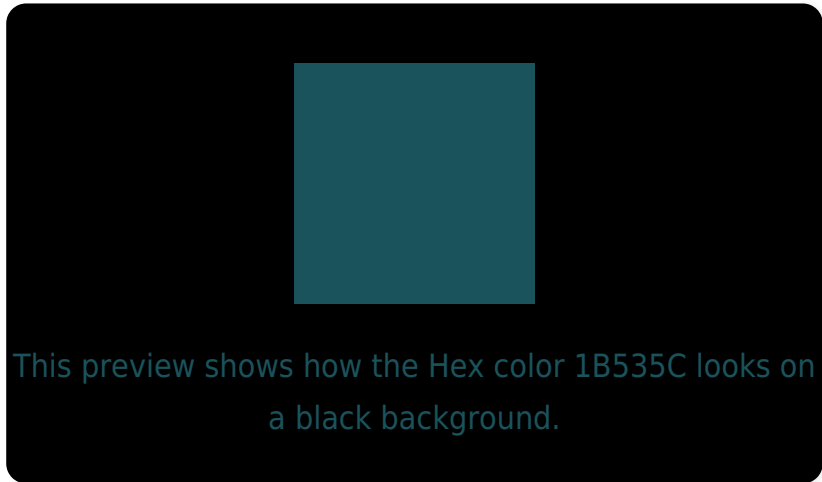
Large Text (above 18pt) WCAG AA ✓ Pass

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

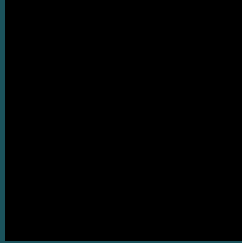
Any Text WCAG AA × Fail

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 1B535C Background



This preview shows how black text looks on a background with the Hex color 1B535C.

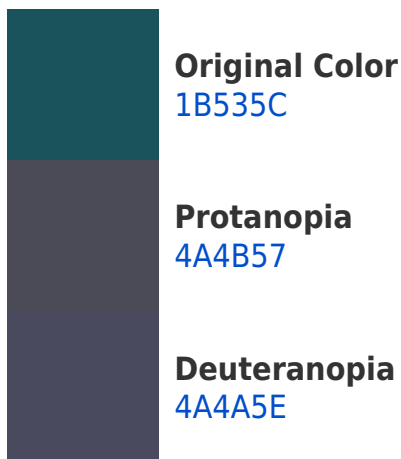


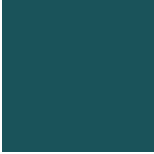
This preview shows how white text looks on a background with the Hex color 1B535C.

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](#).

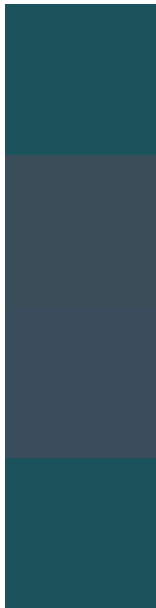
Dichromacy





Tritanopia
1A535A

Trichromacy



Original Color
1B535C

Protanomaly
394E59

Deuteranomaly
394D5D

Tritanomaly
1A535B

Monochromacy



Original Color
1B535C

Achromatopsia
434343

Achromatomaly
34494C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B535C 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 #1B535C looks like.

```
.text, #text, p{  
    color:#1B535C  
}
```

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 #1B535C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B535C
}
```

Border

The CSS property to change the border of an element to Hex 1B535C 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
#1B535C }
```

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

```
.border{ border-color:#1B535C }
```

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

Here you see how a box with a 4 pixel #1B535C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B535C; -webkit-box-shadow:4px 4px  
4px 4px #1B535C; box-shadow:4px 4px 4px  
4px #1B535C }
```

Background

The CSS property to change the background color of an element to Hex 1B535C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B535C }
```

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

```
.background{ background-color:#1B535C }
```

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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