

Converting Colors

Hex(31515E)

Have a look what the booklet for
Hex(31515E) contains.

Hex(31515E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(31515E)

Conversions

Conversions Part 1

Format	Color
Hex	31515E
RGB	49, 81, 94
RGB Percent	19%, 32%, 37%
CMY	0.8078, 0.6824, 0.6314
CMYK	0.48, 0.14, 0.00, 0.63
HSL	197°, 31%, 28%
HSV	197°, 48%, 37%
XYZ	6.2294, 7.3460, 11.6793
YIQ	72.9140, -23.2450, -2.7410

Conversions

Conversions Part 2

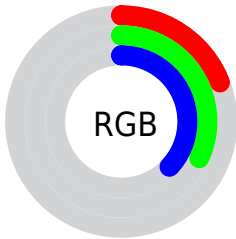
Format	Color
R_{YB}	49, 68, 94
Decimal	3232094
CIE _{Lab}	32.58, -7.81, -11.27
CIE _{LCh}	33, 13.709, 235.258
Yxy	7.3460, 0.2467, 0.2909
Android (android.graphics.Color)	4281422174 (0xFF31515E)
YUV	72.9140, 10.3954, -20.9726
Hunter-Lab	27.1035, -6.4048, -6.5765

Details

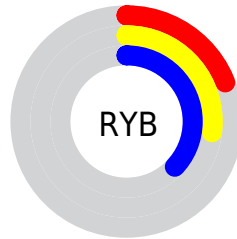
The Hex color **31515E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3E31**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **628290**, and **002430** is the 20% darker color. If you saturate the color by 10%, you get **284E5E**, and if you desaturate by 10%, it is **3A545E**.

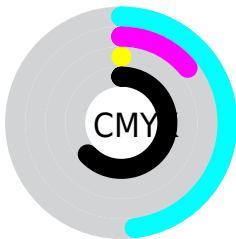
Distribution



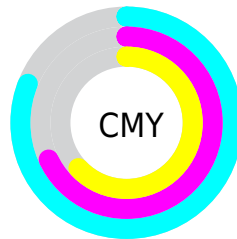
- Red (19%)
- Green (32%)
- Blue (37%)



- Red (19%)
- Yellow (27%)
- Blue (37%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (63%)



- Cyan (81%)
- Magenta (68%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31515E 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 31515E by changing the saturation by 10% instead.

■ 31515E

■ 31515E

FFFFFF

■ 193A46

■ 628290

■ 002430

■ 7C9CAB

■ 00101B

■ 96B7C6

■ 000000

■ B1D3E2

■ CDEFFF

■ E9FFFF

■ 31515E

■ 31515E

■ 284E5E

■ 3A545E

■ 1E4C5E

■ 44565E

■ 15495E

■ 4D595E

■ 0B465E

■ 575C5E

■ 02435E

■ 605F5E

■ 00435E

■ 69615E

■ 73645E

■ 7C675E

■ 86695E

Harmonies

Analogous

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



2D5355



31515E



3D4E62

Triad

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



31515E



61454F



4B4F39

Complementary

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



31515E



5E3E31

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.



564B37



31515E



634544

Square

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



31515E



594759



5F483B



3F5140

Rectangle

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



31515E



474C61



5F483B



4F4E38

Sweetspot

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



31515E



69757A



315E3E



333A3D



BDBDBD



3D3D3D

Same Dimension

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



31515E



35667A



313B5E



292D2E



004E6E



00A9ED

Inverse Universe

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



5E3151



7A3566



5E5431



2E292D



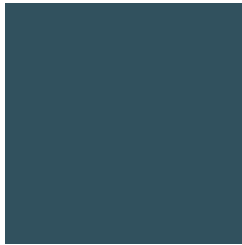
6E004E



ED00A9

Previews

White Background



This preview shows how the Hex color 31515E looks on a white background.

Color Contrast Check

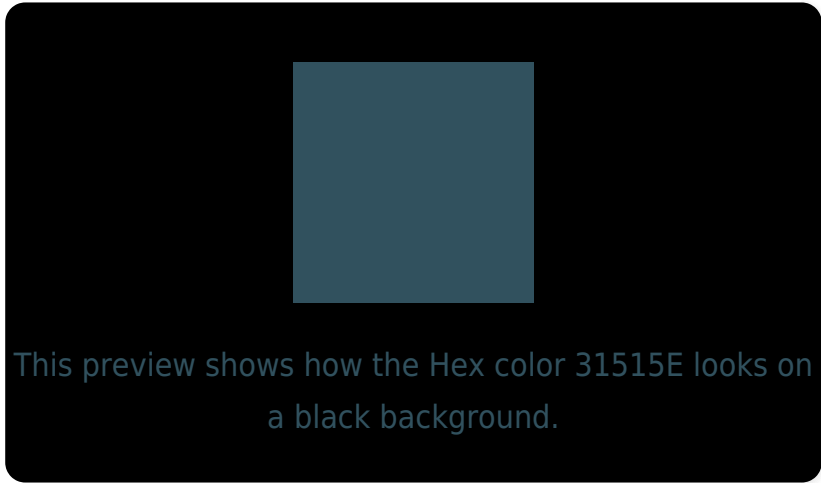
Large Text (above 18pt) WCAG AA ✓ Pass

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

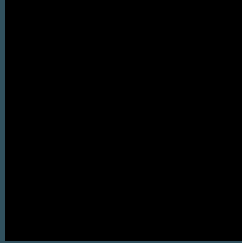
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

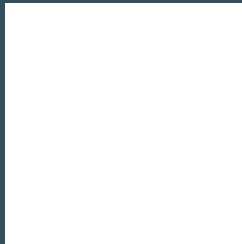
Any Text WCAG AAA × Fail

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

Hex 31515E Background



This preview shows how black text looks on a background with the Hex color 31515E.



This preview shows how white text looks on a background with the Hex color 31515E.

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
31515E

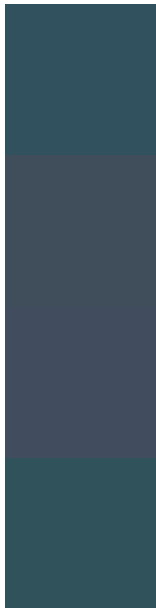
Protanopia
494C5A

Deuteranopia
4A4B5F



Tritanopia
2F5259

Trichromacy



Original Color
31515E

Protanomaly
404E5B

Deuteranomaly
414D5F

Tritanomaly
30525B

Monochromacy



Original Color
31515E

Achromatopsia
494949

Achromatomaly
404C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 31515E 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 #31515E looks like.

```
.text, #text, p{  
    color:#31515E  
}
```

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 #31515E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31515E
}
```

Border

The CSS property to change the border of an element to Hex 31515E 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".

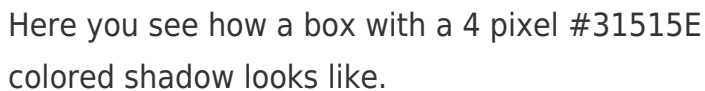
```
.border, #border, table{ border:4px solid
#31515E }
```

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

```
.border{ border-color:#31515E }
```

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

Here you see how a box with a 4 pixel #31515E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31515E; -webkit-box-shadow:4px 4px  
4px 4px #31515E; box-shadow:4px 4px 4px  
4px #31515E }
```

Background

The CSS property to change the background color of an element to Hex 31515E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31515E }
```

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

```
.background{ background-color:#31515E }
```

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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