

Converting Colors

Hex(51486E)

Have a look what the booklet for
Hex(51486E) contains.

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Color

Hex(51486E)

Conversions

Conversions Part 1

Format	Color
Hex	51486E
RGB	81, 72, 110
RGB Percent	32%, 28%, 43%
CMY	0.6824, 0.7176, 0.5686
CMYK	0.26, 0.35, 0.00, 0.57
HSL	254°, 21%, 36%
HSV	254°, 35%, 43%
XYZ	8.5252, 7.5098, 15.7521
YIQ	79.0230, -6.8340, 13.7260

Conversions

Conversions Part 2

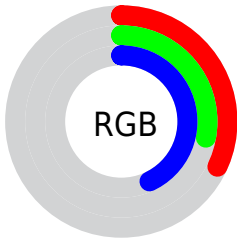
Format	Color
R_{YB}	81, 72, 110
Decimal	5326958
CIE _{Lab}	32.94, 12.87, -20.61
CIE _{LCh}	33, 24.298, 301.972
Yxy	7.5098, 0.2682, 0.2363
Android (android.graphics.Color)	4283517038 (0xFF51486E)
YUV	79.0230, 15.2717, 1.7338
Hunter-Lab	27.4041, 7.5726, -14.8974

Details

The Hex color **51486E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **656E48**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8379A2**, and **231C3E** is the 20% darker color. If you saturate the color by 10%, you get **493D6E**, and if you desaturate by 10%, it is **59536E**.

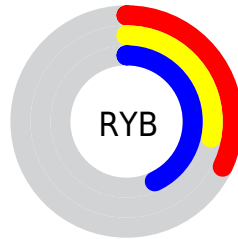
Distribution



Red (32%)

Green (28%)

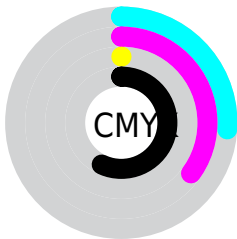
Blue (43%)



Red (32%)

Yellow (28%)

Blue (43%)

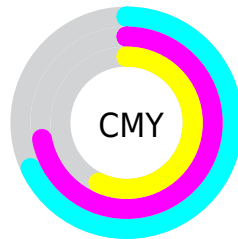


Cyan (26%)

Magenta (35%)

Yellow (0%)

Black (57%)



Cyan (68%)

Magenta (72%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51486E 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 51486E by changing the saturation by 10% instead.

■ 51486E

■ 51486E

FFFFFF

■ 393156

■ 8379A2

■ 231C3E

■ 9D92BD

■ 0F0328

■ B9ADD9

■ 000112

■ D4C8F5

■ 000000

■ F1E4FF

■ 51486E

■ 51486E

■ 493D6E

■ 59536E

■ 40326E

■ 625E6E

■ 38276E

■ 6A696E

■ 2F1C6E

■ 73746E

■ 27116E

■ 7B7F6E

■ 1F066E

■ 838A6E

■ 1A006E

■ 8C956E

■ 94A06E

■ 9DAB6E

Harmonies

Analogous

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



324F74



51486E



664160

Triad

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



51486E



68462C



09584E

Complementary

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



51486E



656E48

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.



2D563B



51486E



584D27

Square

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



51486E



71403A



44522C



005761

Rectangle

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



51486E



6F3F53



44522C



185747

Sweetspot

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



51486E



84818F



48656E



413F47



C7C7C7



474747

Same Dimension

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



51486E



62548F



64486E



343238



1C0078



3B00F7

Inverse Universe

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



6E4865



8F5481



526E48



383237



78005B



F700BD

Previews

White Background



This preview shows how the Hex color 51486E looks on a white background.

Color Contrast Check

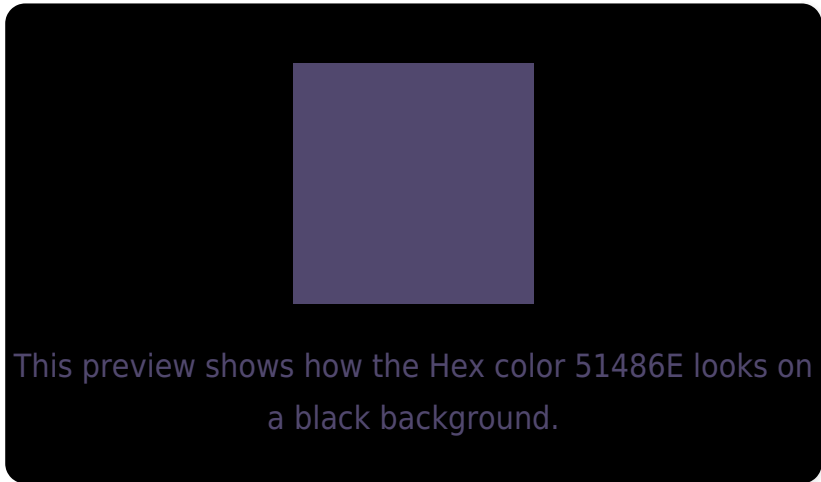
Large Text (above 18pt) WCAG AA ✓ Pass

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

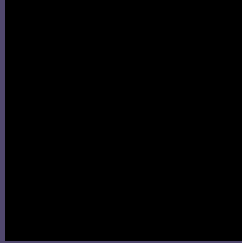
Any Text WCAG AA × Fail

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 51486E Background



This preview shows how black text looks on a background with the Hex color 51486E.

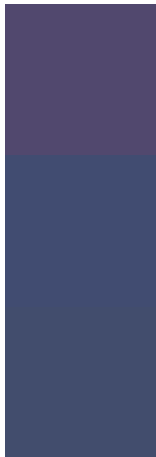


This preview shows how white text looks on a background with the Hex color 51486E.

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
51486E

Protanopia
414C71

Deuteranopia
424D6D



Tritanopia
4C4D53

Trichromacy



Original Color
51486E

Protanomaly
474B70

Deuteranomaly
474B6D

Tritanomaly
4E4B5D

Monochromacy



Original Color
51486E

Achromatopsia
4F4F4F

Achromatomaly
504C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 51486E 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 #51486E looks like.

```
.text, #text, p{  
    color:#51486E  
}
```

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 #51486E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51486E
}
```

Border

The CSS property to change the border of an element to Hex 51486E is called "border". The border property can be set on classes, ids or directly on the HTML element.

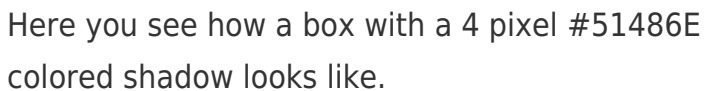
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51486E }
```

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

```
.border{ border-color:#51486E }
```

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



Here you see how a box with a 4 pixel #51486E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51486E; -webkit-box-shadow:4px 4px  
4px 4px #51486E; box-shadow:4px 4px 4px  
4px #51486E }
```

Background

The CSS property to change the background color of an element to Hex 51486E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51486E }
```

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

```
.background{ background-color:#51486E }
```

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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