

Converting Colors

Hex(10506E)

Have a look what the booklet for
Hex(10506E) contains.

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Color

Hex(10506E)

Conversions

Conversions Part 1

Format	Color
Hex	10506E
RGB	16, 80, 110
RGB Percent	6%, 31%, 43%
CMY	0.9373, 0.6863, 0.5686
CMYK	0.85, 0.27, 0.00, 0.57
HSL	199°, 75%, 25%
HSV	199°, 85%, 43%
XYZ	5.8968, 6.9733, 15.7870
YIQ	64.2840, -47.7740, -4.2380

Conversions

Conversions Part 2

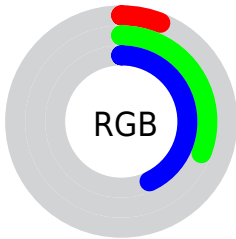
Format	Color
R_{YB}	16, 54, 110
Decimal	1069166
CIE _{Lab}	31.75, -7.86, -22.75
CIE _{LCh}	32, 24.070, 250.932
Yxy	6.9733, 0.2058, 0.2433
Android (android.graphics.Color)	4279259246 (0xFF10506E)
YUV	64.2840, 22.5380, -42.3451
Hunter-Lab	26.4069, -6.3521, -16.9608

Details

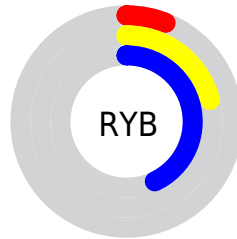
The Hex color **10506E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6E2E10**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4D81A2**, and **00243E** is the 20% darker color. If you saturate the color by 10%, you get **054C6E**, and if you desaturate by 10%, it is **1B546E**.

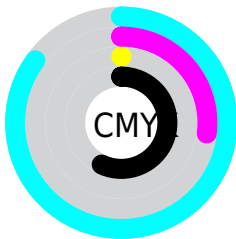
Distribution



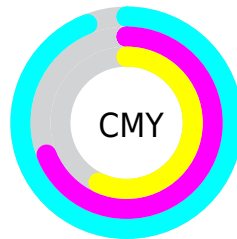
- Red (6%)
- Green (31%)
- Blue (43%)



- Red (6%)
- Yellow (21%)
- Blue (43%)



- Cyan (85%)
- Magenta (27%)
- Yellow (0%)
- Black (57%)



- Cyan (94%)
- Magenta (69%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10506E 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 10506E by changing the saturation by 10% instead.

■ 10506E

■ 10506E

FFFFFF

■ 003956

■ 4D81A2

■ 00243E

■ 689BBB

■ 000E28

■ 83B6D9

■ 000113

■ 9FD2F5

■ 000000

■ BBEEFF

■ D8FFFF

■ F5FFFF

■ 10506E

■ 10506E

■ 054C6E

■ 1B546E

■ 004B6E

■ 26576E

■ 315B6E

■ 3C5E6E

■ 47626E

■ 52656E

■ 5D696E

■ 686C6E

■ 73706E

Harmonies

Analogous

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



005363



10506E



394A70

Triad

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



10506E



6F3C44



3B512D

Complementary

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



10506E



6E2E10

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.



504C25



10506E



6C3F33

Square

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



10506E



683D57



614527



22543E

Rectangle

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



10506E



4D466B



614527



424F29

Sweetspot

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



10506E



6A838F



106E2E



314047



C7C7C7



474747

Same Dimension

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



10506E



00618F



10216E



323638



005278



00A8F7

Inverse Universe

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



6E1050



8F0061



6E5D10



383236



780052



F700A8

Previews

White Background



This preview shows how the Hex color 10506E looks on a white background.

Color Contrast Check

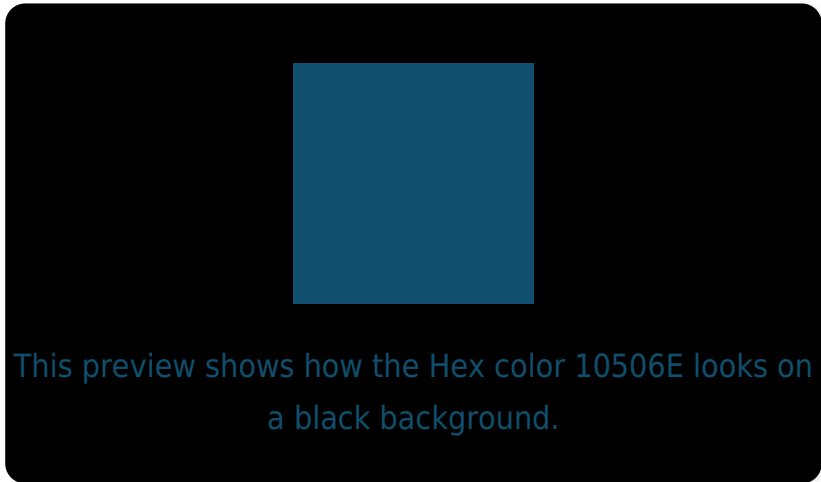
Large Text (above 18pt) WCAG AA ✓ Pass

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

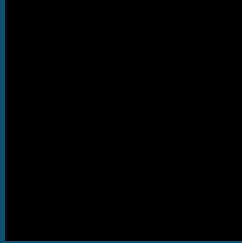
Any Text WCAG AA × Fail

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 10506E Background



This preview shows how black text looks on a background with the Hex color 10506E.



This preview shows how white text looks on a background with the Hex color 10506E.

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
10506E

Protanopia
414A69

Deuteranopia
3A4A6F

Trichromacy



Original Color
10506E

Protanomaly
2F4C6B

Deuteranomaly
2B4C6F

Tritanomaly
065261

Monochromacy



Original Color
10506E

Achromatopsia
404040

Achromatomaly
2F4651

CSS Examples

Text

The CSS property to change the color of the text to Hex 10506E 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 #10506E looks like.

```
.text, #text, p{  
    color:#10506E  
}
```

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 #10506E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10506E
}
```

Border

The CSS property to change the border of an element to Hex 10506E 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
#10506E }
```

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

```
.border{ border-color:#10506E }
```

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

Here you see how a box with a 4 pixel #10506E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10506E; -webkit-box-shadow:4px 4px  
4px 4px #10506E; box-shadow:4px 4px 4px  
4px #10506E }
```

Background

The CSS property to change the background color of an element to Hex 10506E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10506E }
```

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

```
.background{ background-color:#10506E }
```

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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