

Converting Colors

Hex(10585E)

Have a look what the booklet for
Hex(10585E) contains.

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Color

Hex(10585E)

Conversions

Conversions Part 1

Format	Color
Hex	10585E
RGB	16, 88, 94
RGB Percent	6%, 35%, 37%
CMY	0.9373, 0.6549, 0.6314
CMYK	0.83, 0.06, 0.00, 0.63
HSL	185°, 71%, 22%
HSV	185°, 83%, 37%
XYZ	5.7238, 7.8978, 11.8124
YIQ	67.1560, -44.8380, -13.3980

Conversions

Conversions Part 2

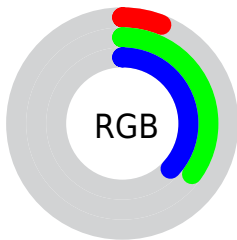
Format	Color
R_{YB}	16, 53, 94
Decimal	1071198
CIE _{Lab}	33.77, -18.54, -9.58
CIE _{LCh}	34, 20.867, 207.324
Yxy	7.8978, 0.2250, 0.3105
Android (android.graphics.Color)	4279261278 (0xFF10585E)
YUV	67.1560, 13.2341, -44.8638
Hunter-Lab	28.1030, -12.8247, -5.2491

Details

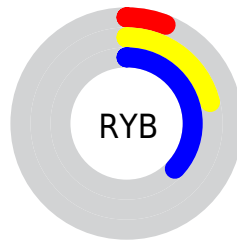
The Hex color **10585E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E1610**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4B8A90**, and **002A30** is the 20% darker color. If you saturate the color by 10%, you get **07575E**, and if you desaturate by 10%, it is **19595E**.

Distribution



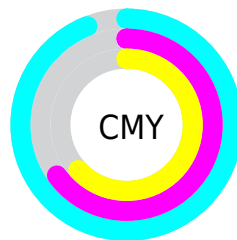
- Red (6%)
- Green (35%)
- Blue (37%)



- Red (6%)
- Yellow (21%)
- Blue (37%)



- Cyan (83%)
- Magenta (6%)
- Yellow (0%)
- Black (63%)



- Cyan (94%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10585E 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 10585E by changing the saturation by 10% instead.

 10585E

 10585E

FFFFFF

 004046

 4B8A90

 002A30

 66A5AB

 00171B

 81C0C6

 000000

 9CDCE2

 B8F8FF

 D4FFFF

 F1FFFF

 10585E

 10585E

■ 07575E

■ 19595E

■ 00575E

■ 23595E

■ 2C5A5E

■ 365B5E

■ 3F5C5E

■ 485C5E

■ 525D5E

■ 5B5E5E

■ 655F5E

Harmonies

Analogous

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



22584D



10585E



1A566B

Triad

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



10585E



634661



5C4E2E

Complementary

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



10585E



5E1610

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.



694834



10585E



6E4352

Square

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



10585E



4F4C6D



6F4441



4B5332

Rectangle

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



10585E



2C536F



6F4441



614C2F

Sweetspot

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



10585E



5C787A



105E15



2B3C3D



BDBDBD



3D3D3D

Same Dimension

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



10585E



00717A



10325E



292E2E



00656E



00DBED

Inverse Universe

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



5E1058



7A0071



5E3C10



2E292E



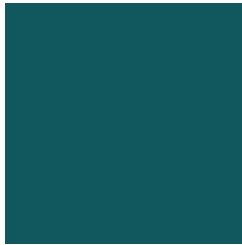
6E0065



ED00DB

Previews

White Background



This preview shows how the Hex color 10585E looks on a white background.

Color Contrast Check

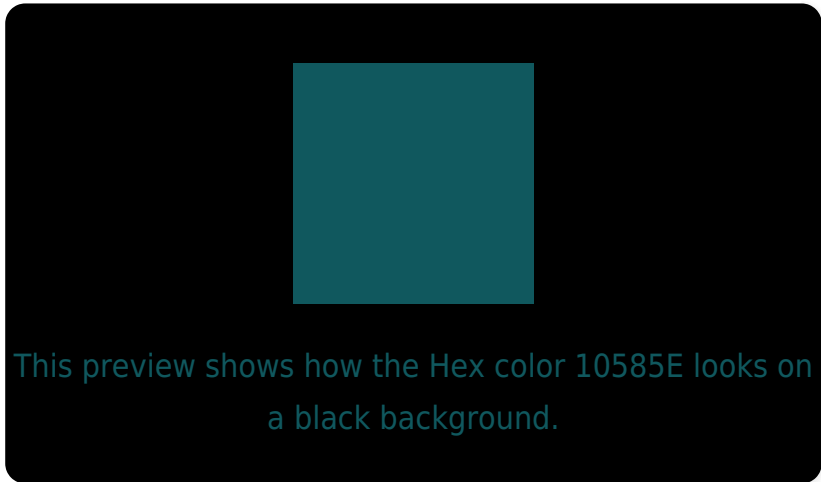
Large Text (above 18pt) WCAG AA ✓ Pass

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

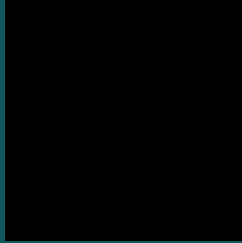
Any Text WCAG AA × Fail

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 10585E Background



This preview shows how black text looks on a background with the Hex color 10585E.



This preview shows how white text looks on a background with the Hex color 10585E.

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
10585E

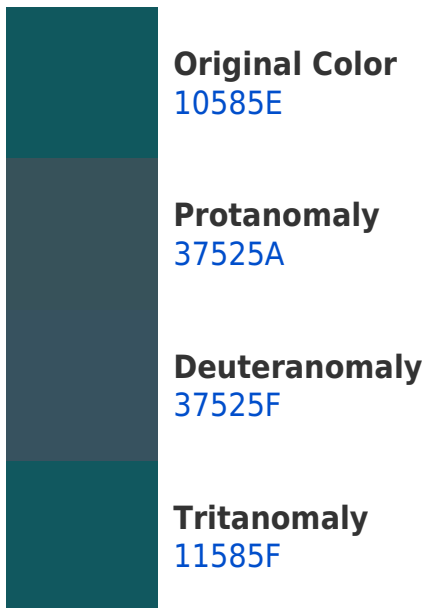
Protanopia
4E4F58

Deuteranopia
4E4E60

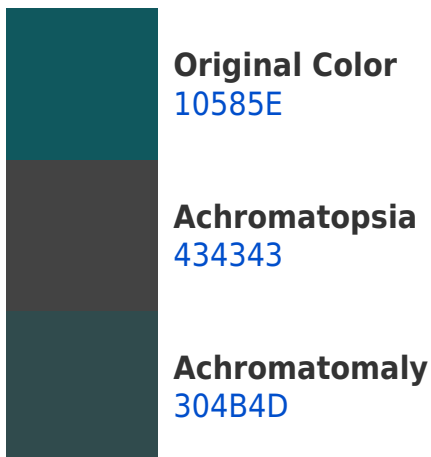


Tritanopia
11585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 10585E 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 #10585E looks like.

```
.text, #text, p{  
    color:#10585E  
}
```

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 #10585E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10585E
}
```

Border

The CSS property to change the border of an element to Hex 10585E 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
#10585E }
```

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

```
.border{ border-color:#10585E }
```

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

Here you see how a box with a 4 pixel #10585E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10585E; -webkit-box-shadow:4px 4px  
4px 4px #10585E; box-shadow:4px 4px 4px  
4px #10585E }
```

Background

The CSS property to change the background color of an element to Hex 10585E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10585E }
```

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

```
.background{ background-color:#10585E }
```

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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