

Converting Colors

Hex(13667D)

Have a look what the booklet for
Hex(13667D) contains.

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Color

Hex(13667D)

Conversions

Conversions Part 1

Format	Color
Hex	13667D
RGB	19, 102, 125
RGB Percent	7%, 40%, 49%
CMY	0.9255, 0.6000, 0.5098
CMYK	0.85, 0.18, 0.00, 0.51
HSL	193°, 74%, 28%
HSV	193°, 85%, 49%
XYZ	8.7216, 11.1219, 21.0891
YIQ	79.8050, -56.8510, -10.4430

Conversions

Conversions Part 2

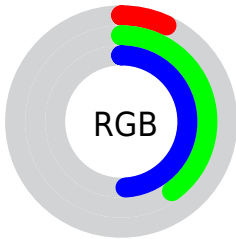
Format	Color
R_{YB}	19, 66, 125
Decimal	1271421
CIE _{Lab}	39.78, -14.93, -19.54
CIE _{LCh}	40, 24.588, 232.611
Yxy	11.1219, 0.2131, 0.2717
Android (android.graphics.Color)	4279461501 (0xFF13667D)
YUV	79.8050, 22.2811, -53.3260
Hunter-Lab	33.3494, -11.6799, -14.1484

Details

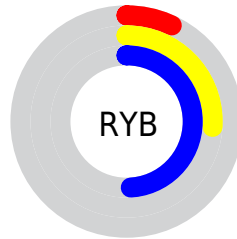
The Hex color **13667D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D2A13**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5499B2**, and **00374C** is the 20% darker color. If you saturate the color by 10%, you get **07637D**, and if you desaturate by 10%, it is **1F697D**.

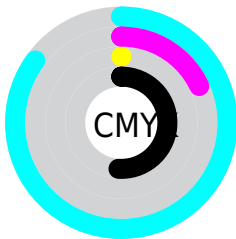
Distribution



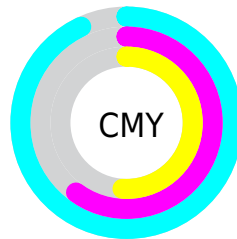
- Red (7%)
- Green (40%)
- Blue (49%)



- Red (7%)
- Yellow (26%)
- Blue (49%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (93%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13667D 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 13667D by changing the saturation by 10% instead.

13667D

13667D

FFFFFF

004E64

5499B2

00374C

70B4CD

002235

8BD0E9

000220

A8ECFF

000005

C4FFFF

000000

E1FFFF

13667D

13667D

07637D

1F697D

■ 00627D

■ 2C6B7D

■ 396E7D

■ 45717D

■ 52747D

■ 5E767D

■ 6B797D

■ 777C7D

■ 847E7D

Harmonies

Analogous

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



0B686C



13667D



386185

Triad

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



13667D



814F64



5C6138

Complementary

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



13667D



7D2A13

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.



6F5B36



13667D



854F4F

Square

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



13667D



725376



7E543F



446645

Rectangle

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



13667D



4F5D85



7E543F



635F36

Sweetspot

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



13667D



7A9AA3



137D2A



394C52



D1D1D1



525252

Same Dimension

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



13667D



0080A3



13317D



393E40



006480



000000

Inverse Universe

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



7D1366



A30080



7D5F13



40393E



800064



000000

Previews

White Background



This preview shows how the Hex color 13667D looks on a white background.

Color Contrast Check

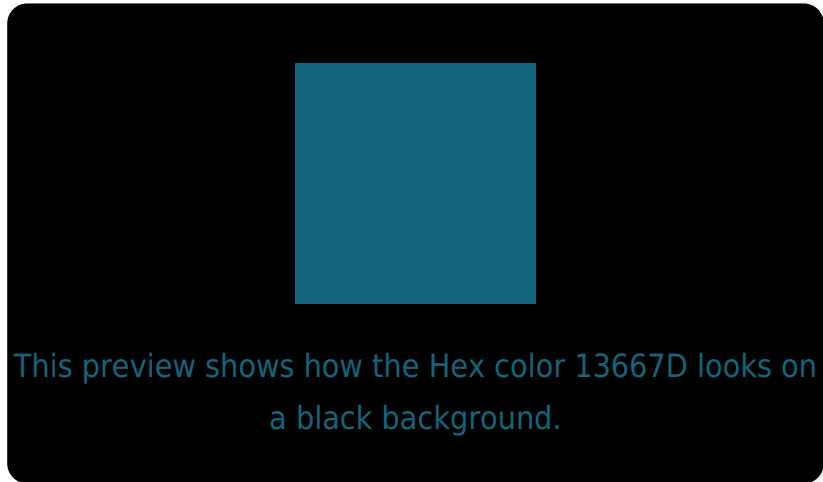
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

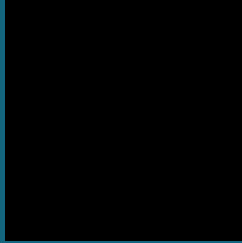
Any Text WCAG AA × Fail

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 13667D Background



This preview shows how black text looks on a background with the Hex color 13667D.



This preview shows how white text looks on a background with the Hex color 13667D.

Color Blindness Simulation

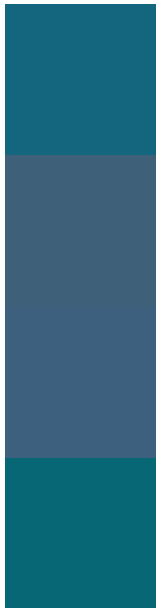
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
13667D

Protanomaly
3E6079

Deuteranomaly
3C607E

Tritanomaly
076775

Monochromacy



Original Color
13667D

Achromatopsia
505050

Achromatomaly
3A5860

CSS Examples

Text

The CSS property to change the color of the text to Hex 13667D 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 #13667D looks like.

```
.text, #text, p{  
    color:#13667D  
}
```

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 #13667D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13667D  
}
```

Border

The CSS property to change the border of an element to Hex 13667D 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  
#13667D }
```

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

```
.border{ border-color:#13667D }
```

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

Here you see how a box with a 4 pixel #13667D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13667D; -webkit-box-shadow:4px 4px  
4px 4px #13667D; box-shadow:4px 4px 4px  
4px #13667D }
```

Background

The CSS property to change the background color of an element to Hex 13667D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13667D }
```

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

```
.background{ background-color:#13667D }
```

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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