

Converting Colors

Hex(136F73)

Have a look what the booklet for
Hex(136F73) contains.

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Color

Hex(136F73)

Conversions

Conversions Part 1

Format	Color
Hex	136F73
RGB	19, 111, 115
RGB Percent	7%, 44%, 45%
CMY	0.9255, 0.5647, 0.5490
CMYK	0.83, 0.03, 0.00, 0.55
HSL	182°, 72%, 26%
HSV	182°, 83%, 45%
XYZ	9.0475, 12.7451, 18.2029
YIQ	83.9480, -56.1160, -18.2600

Conversions

Conversions Part 2

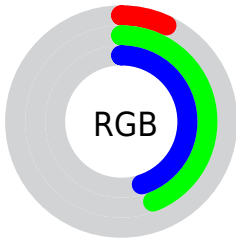
Format	Color
R_{YB}	19, 66, 115
Decimal	1273715
CIE _{Lab}	42.38, -23.33, -9.53
CIE _{LCh}	42, 25.197, 202.217
Yxy	12.7451, 0.2262, 0.3187
Android (android.graphics.Color)	4279463795 (0xFF136F73)
YUV	83.9480, 15.3086, -56.9594
Hunter-Lab	35.7003, -17.2384, -5.2405

Details

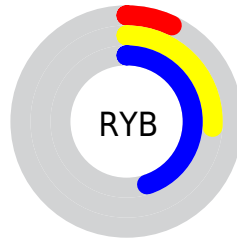
The Hex color **136F73** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **731713**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **53A3A7**, and **003F43** is the 20% darker color. If you saturate the color by 10%, you get **076F73**, and if you desaturate by 10%, it is **1F6F73**.

Distribution



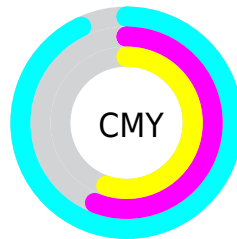
- Red (7%)
- Green (44%)
- Blue (45%)



- Red (7%)
- Yellow (26%)
- Blue (45%)



- Cyan (83%)
- Magenta (3%)
- Yellow (0%)
- Black (55%)



- Cyan (93%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 136F73 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 136F73 by changing the saturation by 10% instead.

■ 136F73

■ 136F73

FFFFFF

■ 00565A

■ 53A3A7

■ 003F43

■ 6FBEC2

■ 00282D

■ 8BDADE

■ 001019

■ A7F7FA

■ 000000

■ C4FFFF

■ E1FFFF

FEFFFF

■ 136F73

■ 136F73

076F73

1F6F73

006E73

2A7073

367073

417173

4D7173

587273

647273

6F7373

7B7373

Harmonies

Analogous

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



2F6F5E



136F73



196D84

Triad

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



136F73



79597E



77613B

Complementary

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



136F73



731713

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.



865A44



136F73



89546A

Square

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



136F73



5F618A



8D5555



62683D

Rectangle

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



136F73



316A8B



8D5555



7C5E3D

Sweetspot

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



136F73



719596



137316



364C4D



CCCCCC



4D4D4D

Same Dimension

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



136F73



009096



134073



353A3B



00757A



00EFFA

Inverse Universe

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



73136F



960090



734613



3B353A



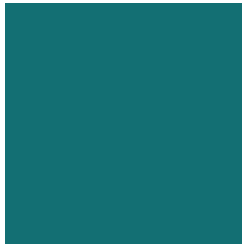
7A0075



FA00EF

Previews

White Background



This preview shows how the Hex color 136F73 looks on a white background.

Color Contrast Check

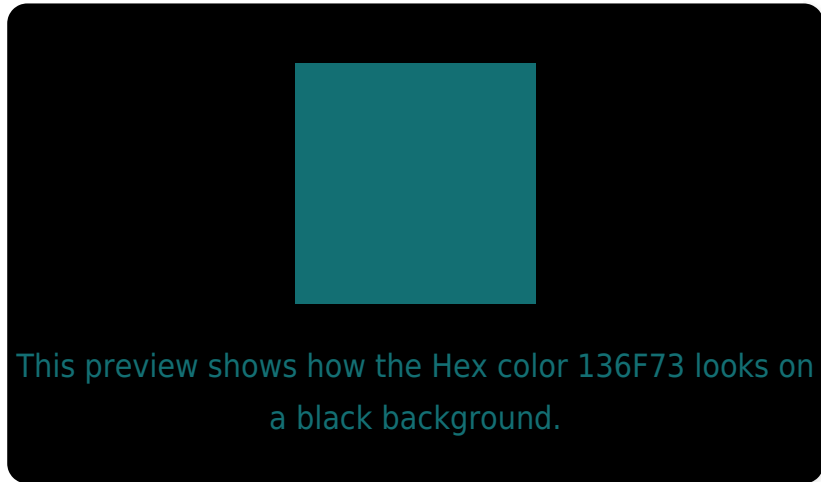
Large Text (above 18pt) WCAG AA ✓ Pass

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

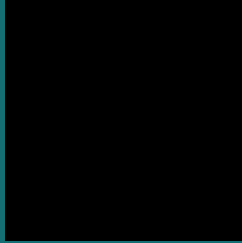
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

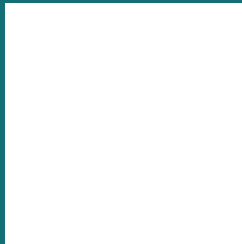
Any Text WCAG AAA × Fail

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

Hex 136F73 Background



This preview shows how black text looks on a background with the Hex color 136F73.

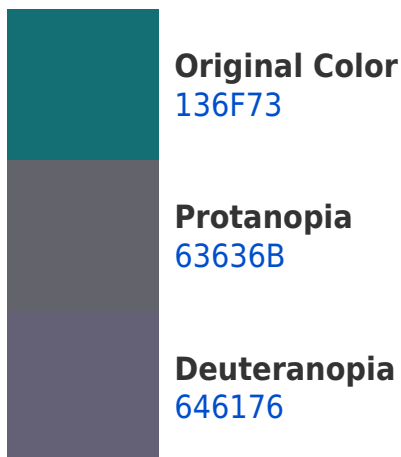


This preview shows how white text looks on a background with the Hex color 136F73.

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](#).

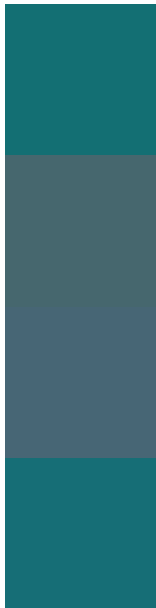
Dichromacy





Tritanopia
186E77

Trichromacy



Original Color
136F73

Protanomaly
46676E

Deuteranomaly
476675

Tritanomaly
166E76

Monochromacy



Original Color
136F73

Achromatopsia
545454

Achromatomaly
3C5E5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 136F73 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 #136F73 looks like.

```
.text, #text, p{  
    color:#136F73  
}
```

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 #136F73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136F73  
}
```

Border

The CSS property to change the border of an element to Hex 136F73 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  
#136F73 }
```

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

```
.border{ border-color:#136F73 }
```

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

Here you see how a box with a 4 pixel #136F73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136F73; -webkit-box-shadow:4px 4px  
4px 4px #136F73; box-shadow:4px 4px 4px  
4px #136F73 }
```

Background

The CSS property to change the background color of an element to Hex 136F73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136F73 }
```

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

```
.background{ background-color:#136F73 }
```

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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