

Converting Colors

Hex(136D6F)

Have a look what the booklet for
Hex(136D6F) contains.

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Color

Hex(136D6F)

Conversions

Conversions Part 1

Format	Color
Hex	136D6F
RGB	19, 109, 111
RGB Percent	7%, 43%, 44%
CMY	0.9255, 0.5725, 0.5647
CMYK	0.83, 0.02, 0.00, 0.56
HSL	181°, 71%, 25%
HSV	181°, 83%, 44%
XYZ	8.6064, 12.2234, 16.9447
YIQ	82.3180, -54.2820, -18.4580

Conversions

Conversions Part 2

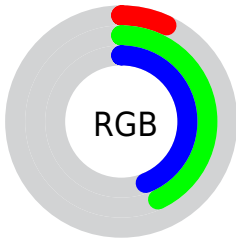
Format	Color
R_{YB}	19, 64, 111
Decimal	1273199
CIE _{Lab}	41.57, -23.62, -8.32
CIE _{LCh}	42, 25.040, 199.408
Yxy	12.2234, 0.2278, 0.3236
Android (android.graphics.Color)	4279463279 (0xFF136D6F)
YUV	82.3180, 14.1402, -55.5299
Hunter-Lab	34.9620, -17.2430, -4.2621

Details

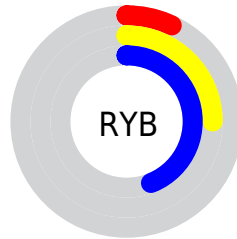
The Hex color **136D6F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F1513**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **52A1A3**, and **003D3F** is the 20% darker color. If you saturate the color by 10%, you get **086D6F**, and if you desaturate by 10%, it is **1E6D6F**.

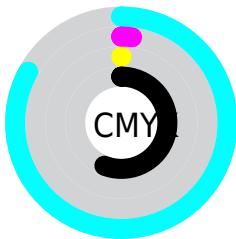
Distribution



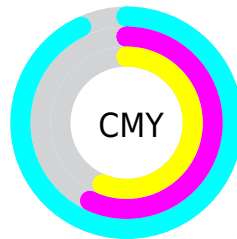
- Red (7%)
- Green (43%)
- Blue (44%)



- Red (7%)
- Yellow (25%)
- Blue (44%)



- Cyan (83%)
- Magenta (2%)
- Yellow (0%)
- Black (56%)



- Cyan (93%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 136D6F 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 136D6F by changing the saturation by 10% instead.



136D6F



136D6F

FFFFFF



005457



52A1A3



003D3F



6EBCBE



00272A



8AD8D9



000C16



A6F5F6



000000



C2FFFF



DFFFFFF



FDFFFF



136D6F



136D6F

■ 086D6F

■ 1E6D6F

■ 006D6F

■ 296D6F

■ 346E6F

■ 3F6E6F

■ 4B6E6F

■ 566E6F

■ 616F6F

■ 6C6F6F

■ 776F6F

Harmonies

Analogous

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



306D5A



136D6F



146B81

Triad

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



136D6F



75587D



765E3A

Complementary

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



136D6F



6F1513

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.



855744



136D6F



85536A

Square

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



136D6F



5A5F89



8A5355



62653B

Rectangle

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



136D6F



2B6888



8A5355



7C5C3C

Sweetspot

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



136D6F



6D9191



136F15



34494A



C9C9C9



4A4A4A

Same Dimension

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



136D6F



018E91



133F6F



323838



007578



00F2F7

Inverse Universe

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



6F136D



91018E



6F4313



383238



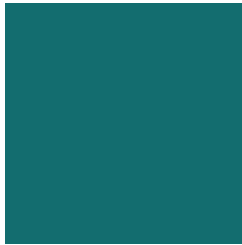
780075



F700F2

Previews

White Background



This preview shows how the Hex color 136D6F looks on a white background.

Color Contrast Check

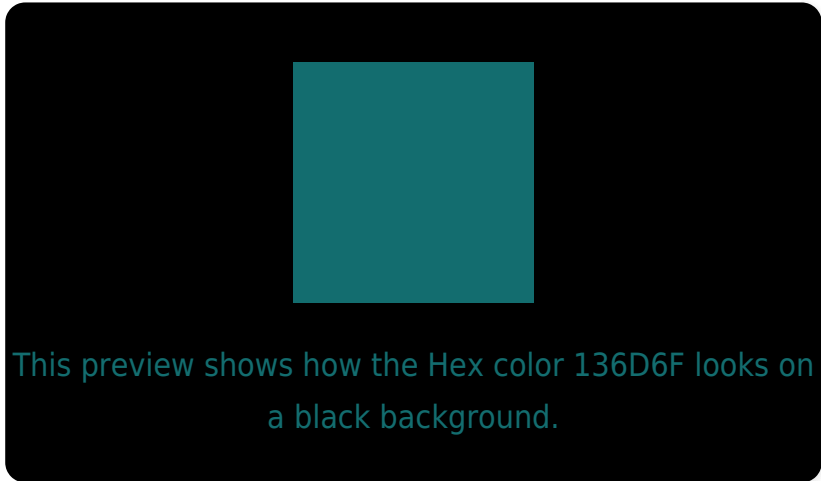
Large Text (above 18pt) WCAG AA ✓ Pass

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

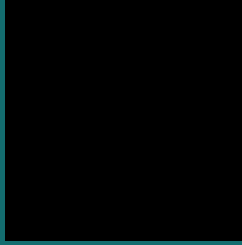
Any Text WCAG AA × Fail

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 136D6F Background



This preview shows how black text looks on a background with the Hex color 136D6F.

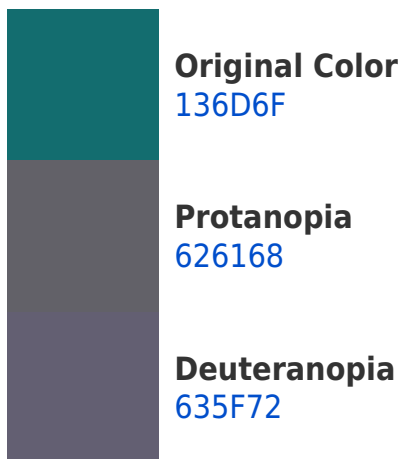


This preview shows how white text looks on a background with the Hex color 136D6F.

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](#).

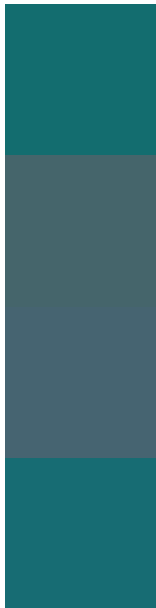
Dichromacy





Tritanopia
196C75

Trichromacy



Original Color
136D6F

Protanomaly
45656B

Deuteranomaly
466471

Tritanomaly
176C73

Monochromacy



Original Color
136D6F

Achromatopsia
525252

Achromatomaly
3B5C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 136D6F 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 #136D6F looks like.

```
.text, #text, p{  
    color:#136D6F  
}
```

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 #136D6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136D6F
}
```

Border

The CSS property to change the border of an element to Hex 136D6F 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
#136D6F }
```

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

```
.border{ border-color:#136D6F }
```

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

Here you see how a box with a 4 pixel #136D6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136D6F; -webkit-box-shadow:4px 4px  
4px 4px #136D6F; box-shadow:4px 4px 4px  
4px #136D6F }
```

Background

The CSS property to change the background color of an element to Hex 136D6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136D6F }
```

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

```
.background{ background-color:#136D6F }
```

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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