

Converting Colors

Hex(12666B)

Have a look what the booklet for
Hex(12666B) contains.

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Color

Hex(12666B)

Conversions

Conversions Part 1

Format	Color
Hex	12666B
RGB	18, 102, 107
RGB Percent	7%, 40%, 42%
CMY	0.9294, 0.6000, 0.5804
CMYK	0.83, 0.05, 0.00, 0.58
HSL	183°, 71%, 25%
HSV	183°, 83%, 42%
XYZ	7.6547, 10.6929, 15.5704
YIQ	77.4540, -51.6690, -16.2530

Conversions

Conversions Part 2

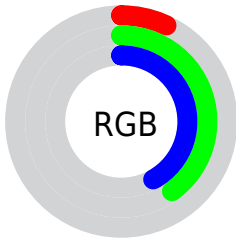
Format	Color
RYB	18, 61, 107
Decimal	1205867
CIELab	39.06, -21.40, -9.66
CIElCh	39, 23.476, 204.294
Yxy	10.6929, 0.2257, 0.3153
Android (android.graphics.Color)	4279395947 (0xFF12666B)
YUV	77.4540, 14.5662, -52.1412
Hunter-Lab	32.7000, -15.4402, -5.3415

Details

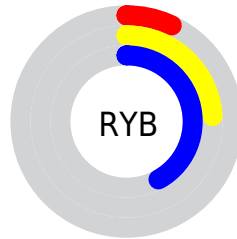
The Hex color **12666B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B1712**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **50999E**, and **00373C** is the 20% darker color. If you saturate the color by 10%, you get **07656B**, and if you desaturate by 10%, it is **1D676B**.

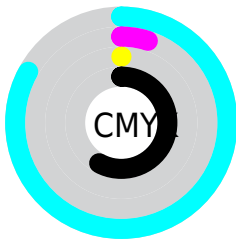
Distribution



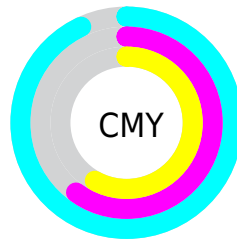
- Red (7%)
- Green (40%)
- Blue (42%)



- Red (7%)
- Yellow (24%)
- Blue (42%)



- Cyan (83%)
- Magenta (5%)
- Yellow (0%)
- Black (58%)




- Cyan (93%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12666B 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 12666B by changing the saturation by 10% instead.

 12666B

 12666B

FFFFFF

 004E53

 50999E

 00373C

 6CB4B9

 002126

 87D0D5

 000112

 A3ECF1

 000000

 BFFFFFF

 DCFFFF

 F9FFFF

 12666B

 12666B

07656B

1D676B

00656B

27676B

32686B

3D686B

48696B

526A6B

5D6A6B

686B6B

726B6B

Harmonies

Analogous

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



2A6658



12666B



1B647A

Triad

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



12666B



715272



6C5A36

Complementary

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



12666B



6B1712

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.



7A533E



12666B



7E4E60

Square

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



12666B



59587F



814E4D



596039

Rectangle

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



12666B



306180



814E4D



715737

Sweetspot

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



12666B



698A8C



126B16



324647



C7C7C7



474747

Same Dimension

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



12666B



00848C



123A6B



303536



006F75



00E7F5

Inverse Universe

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



6B1266



8C0084



6B4312



363035



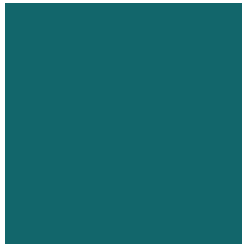
75006F



F500E7

Previews

White Background



This preview shows how the Hex color 12666B looks on a white background.

Color Contrast Check

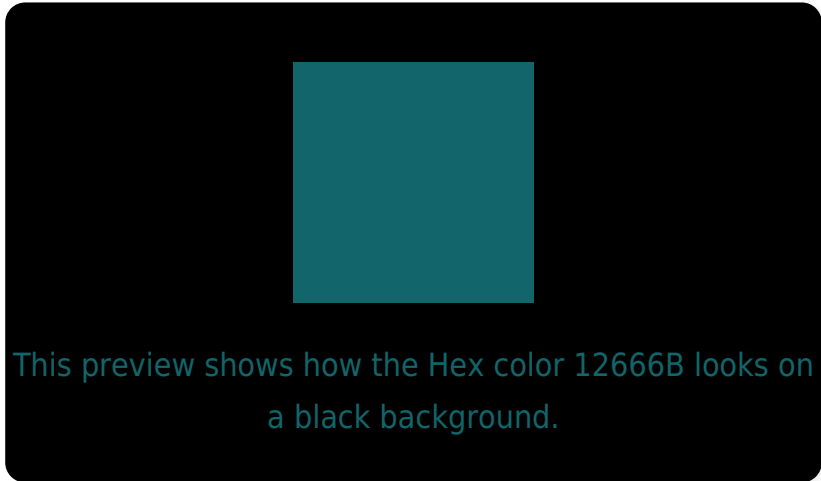
Large Text (above 18pt) WCAG AA ✓ Pass

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

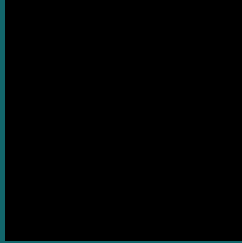
Any Text WCAG AA × Fail

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 12666B Background



This preview shows how black text looks on a background with the Hex color 12666B.



This preview shows how white text looks on a background with the Hex color 12666B.

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
12666B

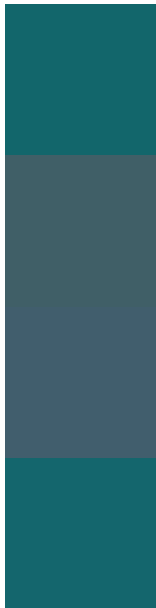
Protanopia
5B5B64

Deuteranopia
5C5A6E



Tritanopia
15666E

Trichromacy



Original Color
12666B

Protanomaly
405F67

Deuteranomaly
415E6D

Tritanomaly
14666D

Monochromacy



Original Color
12666B

Achromatopsia
4D4D4D

Achromatomaly
385658

CSS Examples

Text

The CSS property to change the color of the text to Hex 12666B 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 #12666B looks like.

```
.text, #text, p{  
    color:#12666B  
}
```

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 #12666B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12666B
}
```

Border

The CSS property to change the border of an element to Hex 12666B 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
#12666B }
```

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

```
.border{ border-color:#12666B }
```

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

Here you see how a box with a 4 pixel #12666B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12666B; -webkit-box-shadow:4px 4px  
4px 4px #12666B; box-shadow:4px 4px 4px  
4px #12666B }
```

Background

The CSS property to change the background color of an element to Hex 12666B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12666B }
```

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

```
.background{ background-color:#12666B }
```

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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