

Converting Colors

Hex(12627D)

Have a look what the booklet for
Hex(12627D) contains.

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Color

Hex(12627D)

Conversions

Conversions Part 1

Format	Color
Hex	12627D
RGB	18, 98, 125
RGB Percent	7%, 38%, 49%
CMY	0.9294, 0.6157, 0.5098
CMYK	0.86, 0.22, 0.00, 0.51
HSL	195°, 75%, 28%
HSV	195°, 86%, 49%
XYZ	8.3188, 10.3446, 20.9603
YIQ	77.1580, -56.3470, -8.5630

Conversions

Conversions Part 2

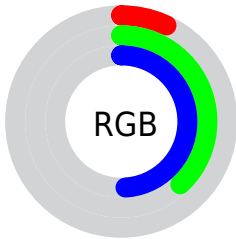
Format	Color
RYB	18, 64, 125
Decimal	1204861
CIELab	38.45, -12.72, -21.59
CIELCh	38, 25.062, 239.500
Yxy	10.3446, 0.2099, 0.2611
Android (android.graphics.Color)	4279394941 (0xFF12627D)
YUV	77.1580, 23.5861, -51.8816
Hunter-Lab	32.1631, -10.1173, -16.1245

Details

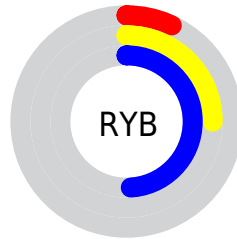
The Hex color **12627D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7D2D12**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5395B2**, and **00334C** is the 20% darker color. If you saturate the color by 10%, you get **065F7D**, and if you desaturate by 10%, it is **1F657D**.

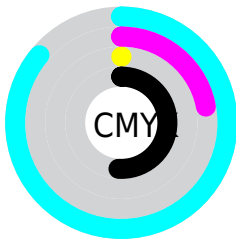
Distribution



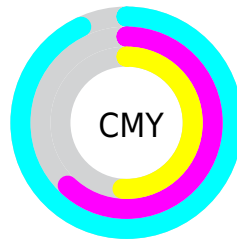
- Red (7%)
- Green (38%)
- Blue (49%)



- Red (7%)
- Yellow (25%)
- Blue (49%)



- Cyan (86%)
- Magenta (22%)
- Yellow (0%)
- Black (51%)



- Cyan (93%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12627D 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 12627D by changing the saturation by 10% instead.

■ 12627D

■ 12627D

FFFFFF

■ 004A64

■ 5395B2

■ 00334C

■ 6FAFCD

■ 001F35

■ 8ACBE9

■ 000220

■ A7E7FF

■ 000004

■ C3FFFF

■ 000000

■ E0FFFF

■ FEFFFF

■ 12627D

■ 12627D

■ 065F7D

■ 1F657D

■ 005D7D

■ 2B687D

■ 386B7D

■ 446F7D

■ 51727D

■ 5D757D

■ 6A787D

■ 767B7D

■ 837E7D

Harmonies

Analogous

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



00656E



12627D



3C5D83

Triad

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



12627D



804B5C



535F36

Complementary

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



12627D



7D2D12

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.



685931



12627D



814C48

Square

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



12627D



744E6F



785238



3B6345

Rectangle

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



12627D



525881



785238



5A5D33

Sweetspot

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



12627D



7998A3



127D2D



384B52



D1D1D1



525252

Same Dimension

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



12627D



007AA3



122D7D



393E40



005F80



000000

Inverse Universe

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



7D1262



A3007A



7D6212



40393E



80005F



000000

Previews

White Background



This preview shows how the Hex color 12627D looks on a white background.

Color Contrast Check

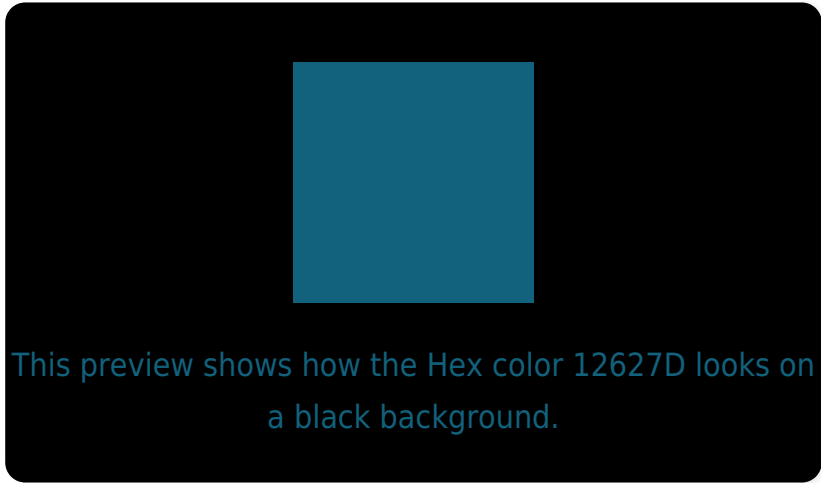
Large Text (above 18pt) WCAG AA ✓ Pass

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

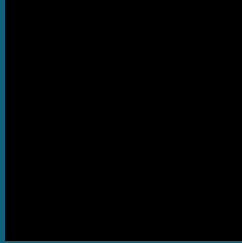
Any Text WCAG AA × Fail

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 12627D Background



This preview shows how black text looks on a background with the Hex color 12627D.

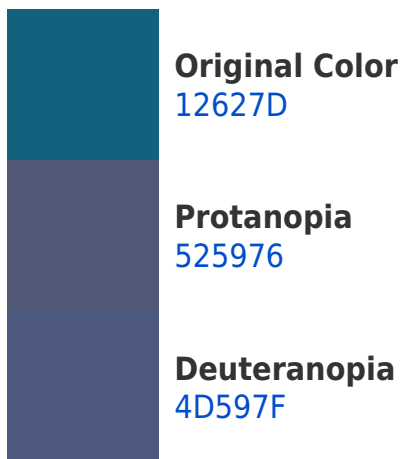


This preview shows how white text looks on a background with the Hex color 12627D.

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](#).

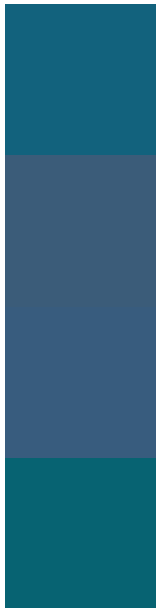
Dichromacy





Tritanopia
00646C

Trichromacy



Original Color
12627D

Protanomaly
3B5C79

Deuteranomaly
385C7E

Tritanomaly
076372

Monochromacy



Original Color
12627D

Achromatopsia
4D4D4D

Achromatomaly
38555E

CSS Examples

Text

The CSS property to change the color of the text to Hex 12627D 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 #12627D looks like.

```
.text, #text, p{  
    color:#12627D  
}
```

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 #12627D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12627D
}
```

Border

The CSS property to change the border of an element to Hex 12627D 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
#12627D }
```

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

```
.border{ border-color:#12627D }
```

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

Here you see how a box with a 4 pixel #12627D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12627D; -webkit-box-shadow:4px 4px  
4px 4px #12627D; box-shadow:4px 4px 4px  
4px #12627D }
```

Background

The CSS property to change the background color of an element to Hex 12627D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12627D }
```

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

```
.background{ background-color:#12627D }
```

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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