

Converting Colors

Hex(0B507D)

Have a look what the booklet for
Hex(0B507D) contains.

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Color

Hex(0B507D)

Conversions

Conversions Part 1

Format	Color
Hex	0B507D
RGB	11, 80, 125
RGB Percent	4%, 31%, 49%
CMY	0.9569, 0.6863, 0.5098
CMYK	0.91, 0.36, 0.00, 0.51
HSL	204°, 84%, 27%
HSV	204°, 91%, 49%
XYZ	6.7083, 7.2891, 20.4554
YIQ	64.4990, -55.5690, -0.6330

Conversions

Conversions Part 2

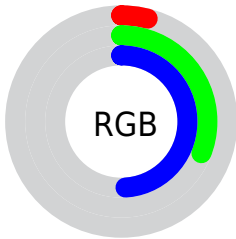
Format	Color
RYB	11, 54, 125
Decimal	741501
CIELab	32.46, -2.23, -31.00
CIELCh	32, 31.081, 265.882
Yxy	7.2891, 0.1947, 0.2116
Android (android.graphics.Color)	4278931581 (0xFF0B507D)
YUV	64.4990, 29.8270, -46.9186
Hunter-Lab	26.9984, -2.8950, -26.0223

Details

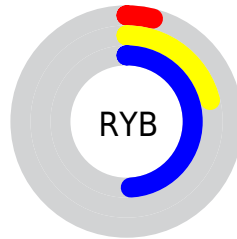
The Hex color **0B507D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7D380B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4F81B2**, and **00244C** is the 20% darker color. If you saturate the color by 10%, you get **004C7D**, and if you desaturate by 10%, it is **18557D**.

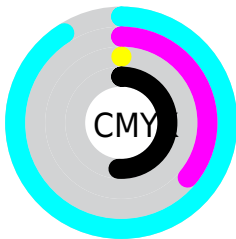
Distribution



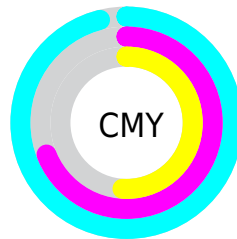
- Red (4%)
- Green (31%)
- Blue (49%)



- Red (4%)
- Yellow (21%)
- Blue (49%)



- Cyan (91%)
- Magenta (36%)
- Yellow (0%)
- Black (51%)



- Cyan (96%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B507D 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 0B507D by changing the saturation by 10% instead.

0B507D

0B507D

FFFFFF

003964

4F81B2

00244C

6B9BCE

000E35

87B6EA

00021F

A3D1FF

000002

BFEDFF

000000

DCFFFF

FAFFFF

0B507D

0B507D

■ 004C7D

■ 18557D

■ 245A7D

■ 315F7D

■ 3D647D

■ 4A697D

■ 566E7D

■ 63737D

■ 6F777D

■ 7C7C7D

Harmonies

Analogous

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



005674



0B507D



484778

Triad

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



0B507D



793938



265630

Complementary

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



0B507D



7D380B

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.



45511E



0B507D



6F4124

Square

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



0B507D



773751



5D4A19



005848

Rectangle

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



0B507D



5F416F



5D4A19



325529

Sweetspot

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



0B507D



7792A3



0B7D37



374752



D1D1D1



525252

Same Dimension

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



0B507D



0063A3



0B187D



393D40



004D80



000000

Inverse Universe

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



7D0B50



A30063



7D700B



40393D



80004D



000000

Previews

White Background



This preview shows how the Hex color 0B507D looks on a white background.

Color Contrast Check

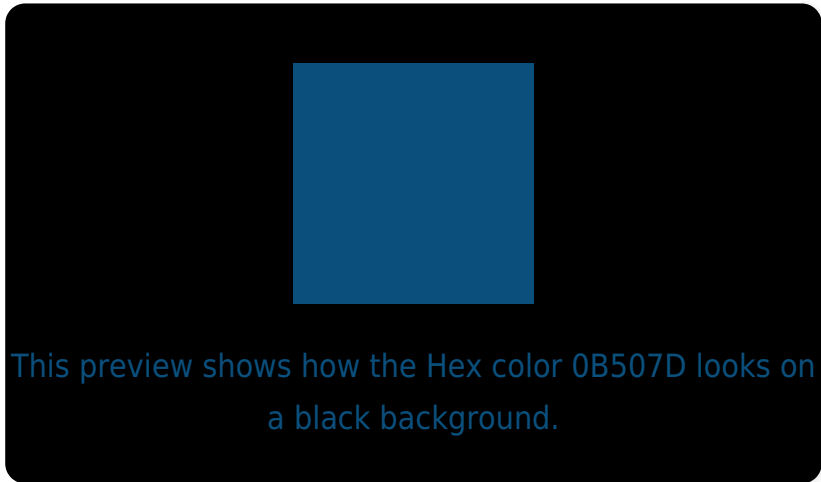
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

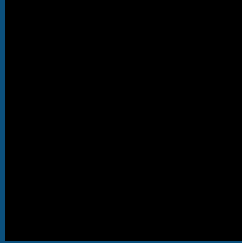
Any Text WCAG AA × Fail

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 0B507D Background



This preview shows how black text looks on a background with the Hex color 0B507D.



This preview shows how white text looks on a background with the Hex color 0B507D.

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](#).

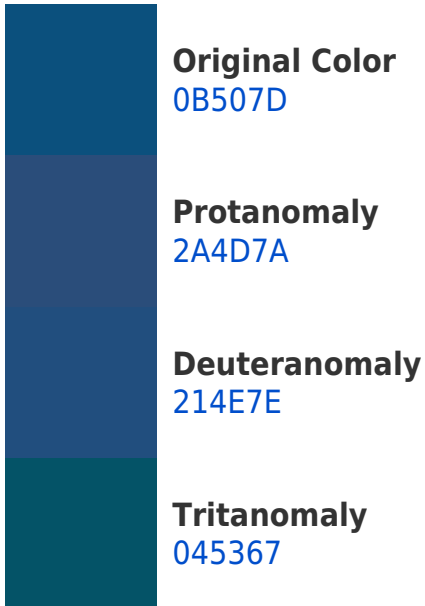
Dichromacy





Tritanopia
00555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0B507D 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 #0B507D looks like.

```
.text, #text, p{  
    color:#0B507D  
}
```

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 #0B507D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B507D
}
```

Border

The CSS property to change the border of an element to Hex 0B507D 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
#0B507D }
```

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

```
.border{ border-color:#0B507D }
```

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

Here you see how a box with a 4 pixel #0B507D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B507D; -webkit-box-shadow:4px 4px  
4px 4px #0B507D; box-shadow:4px 4px 4px  
4px #0B507D }
```

Background

The CSS property to change the background color of an element to Hex 0B507D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B507D }
```

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

```
.background{ background-color:#0B507D }
```

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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