

Converting Colors

Hex(0B57A4)

Have a look what the booklet for
Hex(0B57A4) contains.

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Color

Hex(0B57A4)

Conversions

Conversions Part 1

Format	Color
Hex	0B57A4
RGB	11, 87, 164
RGB Percent	4%, 34%, 64%
CMY	0.9569, 0.6588, 0.3569
CMYK	0.93, 0.47, 0.00, 0.36
HSL	210°, 87%, 34%
HSV	210°, 93%, 64%
XYZ	10.2470, 9.5679, 36.4287
YIQ	73.0540, -70.0130, 7.8350

Conversions

Conversions Part 2

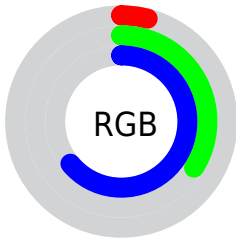
Format	Color
RYB	11, 62, 164
Decimal	743332
CIELab	37.06, 9.28, -47.37
CIElCh	37, 48.269, 281.089
Yxy	9.5679, 0.1822, 0.1701
Android (android.graphics.Color)	4278933412 (0xFF0B57A4)
YUV	73.0540, 44.8364, -54.4214
Hunter-Lab	30.9320, 5.0019, -48.1736

Details

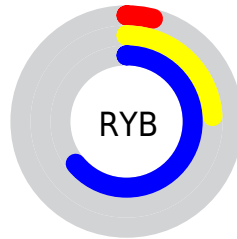
The Hex color **0B57A4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A4580B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5A88DC**, and **002B6F** is the 20% darker color. If you saturate the color by 10%, you get **0051A4**, and if you desaturate by 10%, it is **1B5FA4**.

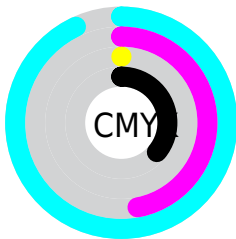
Distribution



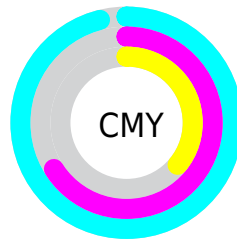
- Red (4%)
- Green (34%)
- Blue (64%)



- Red (4%)
- Yellow (24%)
- Blue (64%)



- Cyan (93%)
- Magenta (47%)
- Yellow (0%)
- Black (36%)



- Cyan (96%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B57A4 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 0B57A4 by changing the saturation by 10% instead.

0B57A4

0B57A4

FFFFFF

004089

5A88DC

002B6F

78A2F8

001856

95BDFF

00063F

B2D9FF

000328

D0F5FF

000111

EEFFFF

000000

0B57A4

0B57A4

0051A4

1B5FA4

■ 2C68A4

■ 3C70A4

■ 4D78A4

■ 5D80A4

■ 6D89A4

■ 7E91A4

■ 8E99A4

■ 9FA1A4

Harmonies

Analogous

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



0062A1



0B57A4



6B4692

Triad

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



0B57A4



943B26



00673C

Complementary

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



0B57A4



A4580B

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.



306316



0B57A4



7D4C02

Square

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



0B57A4



9C2E4A



5C5A00



006965

Rectangle

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



0B57A4



86397D



5C5A00



00662F

Sweetspot

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



0B57A4



9AB8D6



0BA457



47596B



EBEBEB



6B6B6B

Same Dimension

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



0B57A4



006AD6



0B0BA4



494D52



004891



000912

Inverse Universe

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



A40B57



D6006A



A4A40B



52494D



910048



120009

Previews

White Background



This preview shows how the Hex color 0B57A4 looks on a white background.

Color Contrast Check

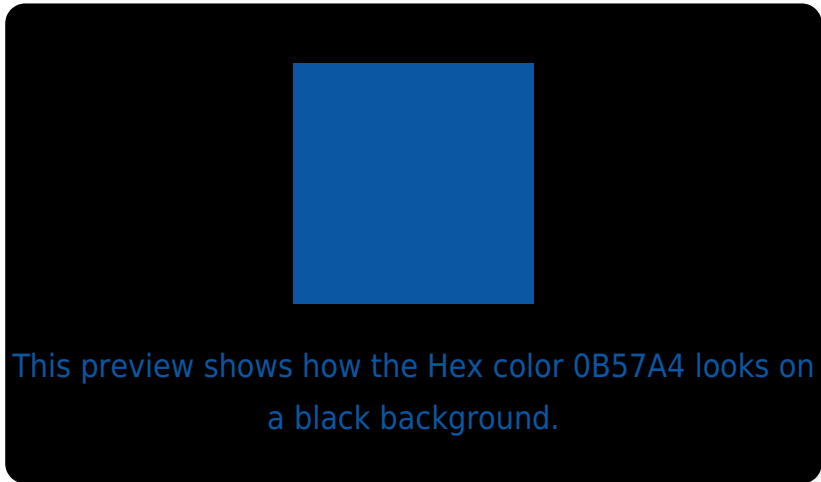
Large Text (above 18pt) WCAG AA ✓ Pass

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

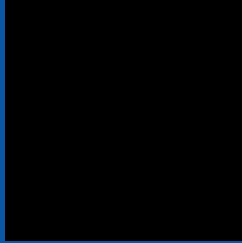
Any Text WCAG AA × Fail

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 0B57A4 Background



This preview shows how black text looks on a background with the Hex color 0B57A4.



This preview shows how white text looks on a background with the Hex color 0B57A4.

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

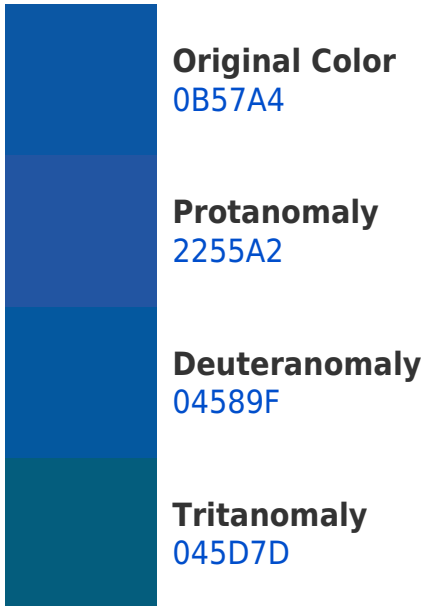


Original Color
0B57A4

Protanopia
2F54A1

Deuteranopia
00599C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0B57A4 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 #0B57A4 looks like.

```
.text, #text, p{  
    color:#0B57A4  
}
```

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 #0B57A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B57A4
}
```

Border

The CSS property to change the border of an element to Hex 0B57A4 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
#0B57A4 }
```

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

```
.border{ border-color:#0B57A4 }
```

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

Here you see how a box with a 4 pixel #0B57A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B57A4; -webkit-box-shadow:4px 4px  
4px 4px #0B57A4; box-shadow:4px 4px 4px  
4px #0B57A4 }
```

Background

The CSS property to change the background color of an element to Hex 0B57A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B57A4 }
```

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

```
.background{ background-color:#0B57A4 }
```

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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