

Converting Colors

Hex(0A4F72)

Have a look what the booklet for
Hex(0A4F72) contains.

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Color

Hex(0A4F72)

Conversions

Conversions Part 1

Format	Color
Hex	0A4F72
RGB	10, 79, 114
RGB Percent	4%, 31%, 45%
CMY	0.9608, 0.6902, 0.5529
CMYK	0.91, 0.31, 0.00, 0.55
HSL	200°, 84%, 24%
HSV	200°, 91%, 45%
XYZ	5.9584, 6.8714, 16.9319
YIQ	62.3590, -52.3590, -3.7430

Conversions

Conversions Part 2

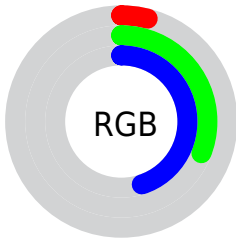
Format	Color
R_{YB}	10, 51, 114
Decimal	675698
CIE _{Lab}	31.51, -6.17, -25.63
CIE _{LCh}	32, 26.364, 256.467
Yxy	6.8714, 0.2002, 0.2309
Android (android.graphics.Color)	4278865778 (0xFF0A4F72)
YUV	62.3590, 25.4590, -45.9188
Hunter-Lab	26.2134, -5.2995, -19.9475

Details

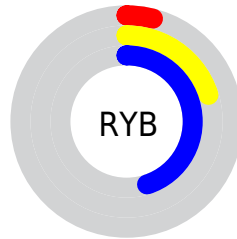
The Hex color **0A4F72** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **722D0A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4C80A6**, and **002342** is the 20% darker color. If you saturate the color by 10%, you get **004C72**, and if you desaturate by 10%, it is **155372**.

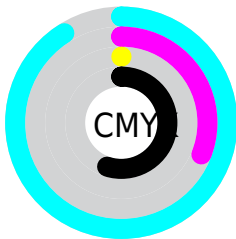
Distribution



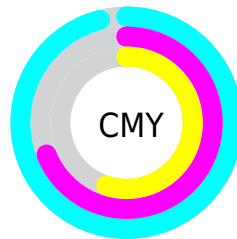
- Red (4%)
- Green (31%)
- Blue (45%)



- Red (4%)
- Yellow (20%)
- Blue (45%)



- Cyan (91%)
- Magenta (31%)
- Yellow (0%)
- Black (55%)



- Cyan (96%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4F72 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 0A4F72 by changing the saturation by 10% instead.

0A4F72

0A4F72

FFFFFF

003859

4C80A6

002342

679AC1

000D2C

83B5DD

000116

9ED0FA

000000

BBECFF

D7FFFF

F5FFFF

0A4F72

0A4F72

■ 004C72

■ 155372

■ 215772

■ 2C5B72

■ 385E72

■ 436272

■ 4E6672

■ 5A6A72

■ 656E72

■ 717272

Harmonies

Analogous

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



005368



0A4F72



3D4872

Triad

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



0A4F72



713940



34512D

Complementary

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



0A4F72



722D0A

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.



4C4D21



0A4F72



6C3E2D

Square

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



0A4F72



6C3A54



5F4622



135440

Rectangle

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



0A4F72



52436B



5F4622



3C5028

Sweetspot

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



0A4F72



6C8694



0A722D



32424A



C9C9C9



4A4A4A

Same Dimension

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



0A4F72



006294



0A1B72



323638



005078



00A4F7

Inverse Universe

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



720A4F



940062



72610A



383236



780050



F700A4

Previews

White Background



This preview shows how the Hex color 0A4F72 looks on a white background.

Color Contrast Check

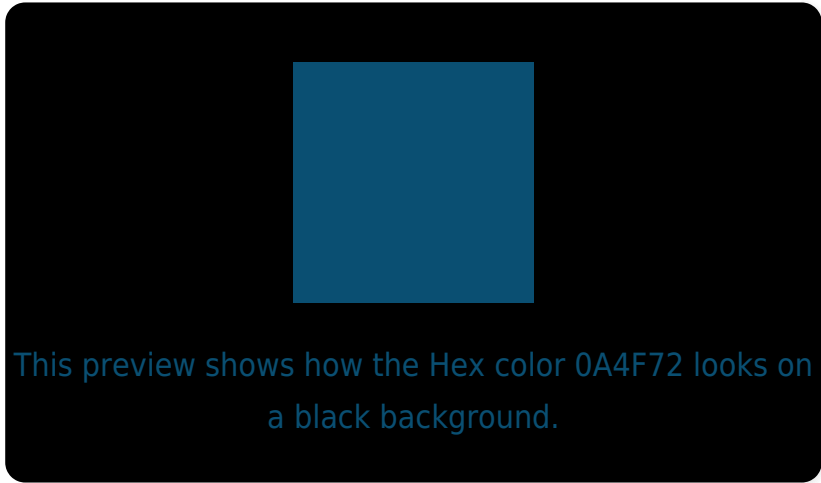
Large Text (above 18pt) WCAG AA ✓ Pass

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

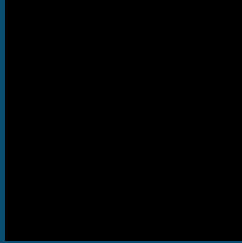
Any Text WCAG AA × Fail

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 0A4F72 Background



This preview shows how black text looks on a background with the Hex color 0A4F72.

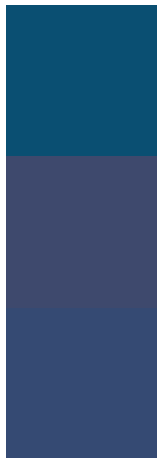


This preview shows how white text looks on a background with the Hex color 0A4F72.

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
0A4F72

Protanopia
3E496D

Deuteranopia
354A73

Trichromacy



Original Color

0A4F72

Protanomaly

2B4B6F

Deuteranomaly

254C73

Tritanomaly

045162

Monochromacy



Original Color

0A4F72

Achromatopsia

3E3E3E

Achromatomaly

2B4451

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4F72 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 #0A4F72 looks like.

```
.text, #text, p{  
    color:#0A4F72  
}
```

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 #0A4F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4F72
}
```

Border

The CSS property to change the border of an element to Hex 0A4F72 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
#0A4F72 }
```

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

```
.border{ border-color:#0A4F72 }
```

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

Here you see how a box with a 4 pixel #0A4F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4F72; -webkit-box-shadow:4px 4px  
4px 4px #0A4F72; box-shadow:4px 4px 4px  
4px #0A4F72 }
```

Background

The CSS property to change the background color of an element to Hex 0A4F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4F72 }
```

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

```
.background{ background-color:#0A4F72 }
```

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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