

Converting Colors

Hex(0A5681)

Have a look what the booklet for
Hex(0A5681) contains.

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Color

Hex(0A5681)

Conversions

Conversions Part 1

Format	Color
Hex	0A5681
RGB	10, 86, 129
RGB Percent	4%, 34%, 51%
CMY	0.9608, 0.6627, 0.4941
CMYK	0.92, 0.33, 0.00, 0.49
HSL	202°, 86%, 27%
HSV	202°, 92%, 51%
XYZ	7.4154, 8.3051, 21.9811
YIQ	68.1780, -59.0990, -2.7390

Conversions

Conversions Part 2

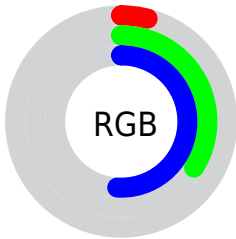
Format	Color
R_{YB}	10, 56, 129
Decimal	677505
CIE _{Lab}	34.61, -4.50, -30.07
CIE _{LCh}	35, 30.401, 261.491
Yxy	8.3051, 0.1967, 0.2203
Android (android.graphics.Color)	4278867585 (0xFF0A5681)
YUV	68.1780, 29.9852, -51.0221
Hunter-Lab	28.8185, -4.5019, -25.0499

Details

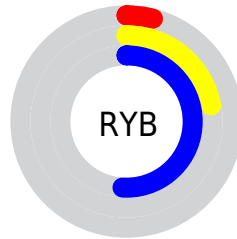
The Hex color **0A5681** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **81350A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5087B6**, and **00294F** is the 20% darker color. If you saturate the color by 10%, you get **005281**, and if you desaturate by 10%, it is **175B81**.

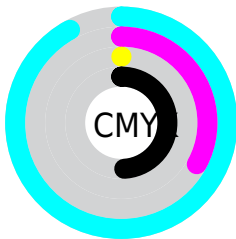
Distribution



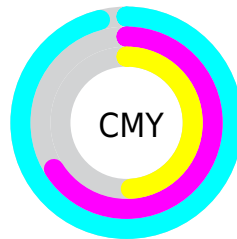
- Red (4%)
- Green (34%)
- Blue (51%)



- Red (4%)
- Yellow (22%)
- Blue (51%)



- Cyan (92%)
- Magenta (33%)
- Yellow (0%)
- Black (49%)



- Cyan (96%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A5681 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 0A5681 by changing the saturation by 10% instead.

0A5681

0A5681

FFFFFF

003F68

5087B6

00294F

6CA2D2

001538

88BDEE

000222

A4D8FF

000009

C1F5FF

000000

DEFFFF

FCFFFF

0A5681

0A5681

■ 005281

■ 175B81

■ 245F81

■ 316481

■ 3E6981

■ 4A6D81

■ 577281

■ 647781

■ 717B81

■ 7E8081

Harmonies

Analogous

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



005B77



0A5681



484E7E

Triad

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



0A5681



7F3E41



325B32

Complementary

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



0A5681



81350A

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.



4E5522



0A5681



77452C

Square

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



0A5681



7B3E59



664E20



005D49

Rectangle

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



0A5681



5F4776



664E20



3C592C

Sweetspot

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



0A5681



7997A8



0A8134



384A54



D4D4D4



545454

Same Dimension

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



0A5681



006BA8



0A1C81



393D40



005180



000000

Inverse Universe

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



810A56



A8006B



816F0A



40393D



800051



000000

Previews

White Background



This preview shows how the Hex color 0A5681 looks on a white background.

Color Contrast Check

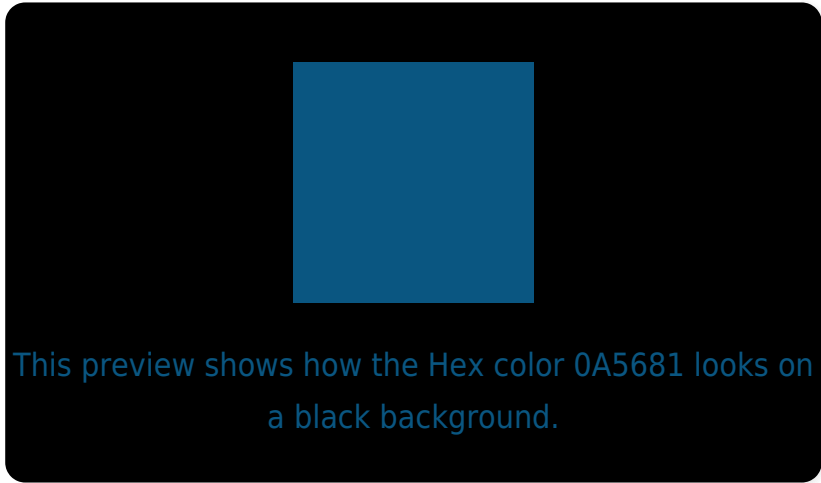
Large Text (above 18pt) WCAG AA ✓ Pass

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

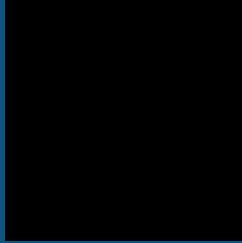
Any Text WCAG AA × Fail

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 0A5681 Background



This preview shows how black text looks on a background with the Hex color 0A5681.



This preview shows how white text looks on a background with the Hex color 0A5681.

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
005A61

Trichromacy



Original Color
0A5681

Protanomaly
2E527E

Deuteranomaly
255382

Tritanomaly
04596D

Monochromacy



Original Color
0A5681

Achromatopsia
444444

Achromatomaly
2F4B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A5681 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 #0A5681 looks like.

```
.text, #text, p{  
    color:#0A5681  
}
```

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 #0A5681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5681
}
```

Border

The CSS property to change the border of an element to Hex 0A5681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

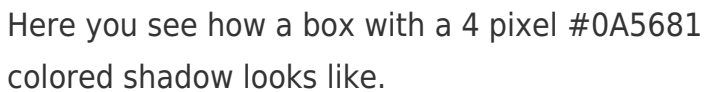
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A5681 }
```

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

```
.border{ border-color:#0A5681 }
```

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



Here you see how a box with a 4 pixel #0A5681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5681; -webkit-box-shadow:4px 4px  
4px 4px #0A5681; box-shadow:4px 4px 4px  
4px #0A5681 }
```

Background

The CSS property to change the background color of an element to Hex 0A5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5681 }
```

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

```
.background{ background-color:#0A5681 }
```

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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