

Converting Colors

Hex(106A83)

Have a look what the booklet for
Hex(106A83) contains.

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Color

Hex(106A83)

Conversions

Conversions Part 1

Format	Color
Hex	106A83
RGB	16, 106, 131
RGB Percent	6%, 42%, 51%
CMY	0.9373, 0.5843, 0.4863
CMYK	0.88, 0.19, 0.00, 0.49
HSL	193°, 78%, 29%
HSV	193°, 88%, 51%
XYZ	9.4645, 12.0569, 23.3011
YIQ	81.9400, -61.6650, -11.3050

Conversions

Conversions Part 2

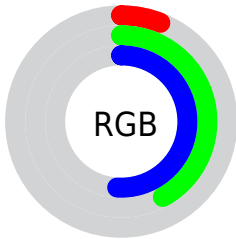
Format	Color
RYB	16, 66, 131
Decimal	1075843
CIELab	41.31, -15.26, -20.82
CIELCh	41, 25.817, 233.768
Yxy	12.0569, 0.2112, 0.2690
Android (android.graphics.Color)	4279265923 (0xFF106A83)
YUV	81.9400, 24.1866, -57.8294
Hunter-Lab	34.7231, -12.1117, -15.4807

Details

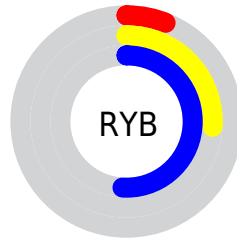
The Hex color **106A83** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **832910**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **549DB8**, and **003B51** is the 20% darker color. If you saturate the color by 10%, you get **036783**, and if you desaturate by 10%, it is **1D6D83**.

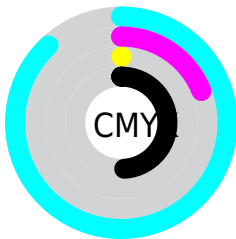
Distribution



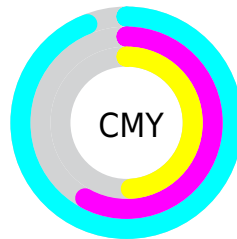
- Red (6%)
- Green (42%)
- Blue (51%)



- Red (6%)
- Yellow (26%)
- Blue (51%)



- Cyan (88%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)



- Cyan (94%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 106A83 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 106A83 by changing the saturation by 10% instead.

■ 106A83

■ 106A83

FFFFFF

■ 00526A

■ 549DB8

■ 003B51

■ 70B8D4

■ 00253A

■ 8CD4F0

■ 000B25

■ A9F0FF

■ 00010E

■ C6FFFF

■ 000000

■ E3FFFF

■ 106A83

■ 106A83

■ 036783

■ 1D6D83

■ 006783

■ 2A7083

■ 377383

■ 447583

■ 527883

■ 5F7B83

■ 6C7E83

■ 798183

■ 868483

Harmonies

Analogous

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



036C72



106A83



3A658B

Triad

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



106A83



875167



5E653A

Complementary

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



106A83



832910

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.



735F37



106A83



8B5251

Square

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



106A83



78567B



835740



456A48

Rectangle

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



106A83



52608A



835740



666338

Sweetspot

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



106A83



7EA1AB



108329



3C5157



D6D6D6



575757

Same Dimension

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



106A83



0086AB



103183



3C4142



006682



000203

Inverse Universe

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



83106A



AB0086



836210



423C41



820066



030002

Previews

White Background



This preview shows how the Hex color 106A83 looks on a white background.

Color Contrast Check

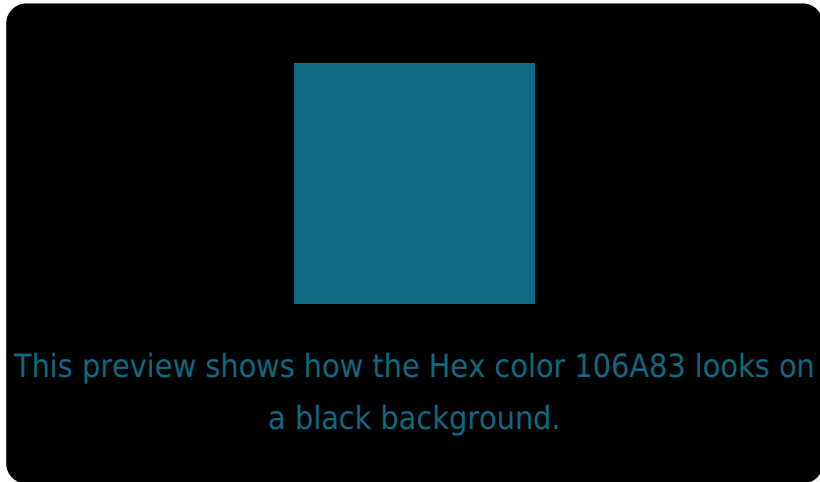
Large Text (above 18pt) WCAG AA ✓ Pass

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

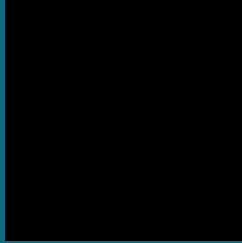
Any Text WCAG AA × Fail

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 106A83 Background



This preview shows how black text looks on a background with the Hex color 106A83.

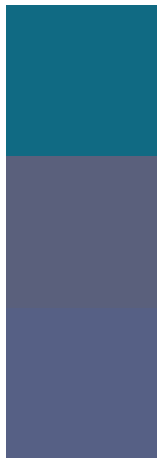


This preview shows how white text looks on a background with the Hex color 106A83.

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
106A83

Protanopia
5A607C

Deuteranopia
566085



Tritanopia
006C75

Trichromacy



Original Color
106A83

Protanomaly
3F647F

Deuteranomaly
3D6484

Tritanomaly
066B7A

Monochromacy



Original Color
106A83

Achromatopsia
525252

Achromatomaly
3A5B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 106A83 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 #106A83 looks like.

```
.text, #text, p{  
    color:#106A83  
}
```

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 #106A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106A83
}
```

Border

The CSS property to change the border of an element to Hex 106A83 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
#106A83 }
```

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

```
.border{ border-color:#106A83 }
```

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

Here you see how a box with a 4 pixel #106A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106A83; -webkit-box-shadow:4px 4px  
4px 4px #106A83; box-shadow:4px 4px 4px  
4px #106A83 }
```

Background

The CSS property to change the background color of an element to Hex 106A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106A83 }
```

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

```
.background{ background-color:#106A83 }
```

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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