

Converting Colors

Hex(105685)

Have a look what the booklet for
Hex(105685) contains.

Hex(105685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(105685)

Conversions

Conversions Part 1

Format	Color
Hex	105685
RGB	16, 86, 133
RGB Percent	6%, 34%, 52%
CMY	0.9373, 0.6627, 0.4784
CMYK	0.88, 0.35, 0.00, 0.48
HSL	204°, 79%, 29%
HSV	204°, 88%, 52%
XYZ	7.7751, 8.4592, 23.4133
YIQ	70.4280, -56.8070, -0.2230

Conversions

Conversions Part 2

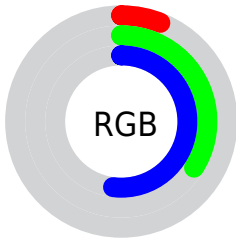
Format	Color
R_{YB}	16, 60, 133
Decimal	1070725
CIE _{Lab}	34.92, -2.44, -32.02
CIE _{LCh}	35, 32.118, 265.644
Yxy	8.4592, 0.1961, 0.2134
Android (android.graphics.Color)	4279260805 (0xFF105685)
YUV	70.4280, 30.8480, -47.7334
Hunter-Lab	29.0847, -3.1804, -27.3694

Details

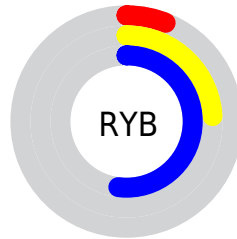
The Hex color **105685** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **853F10**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5387BA**, and **002953** is the 20% darker color. If you saturate the color by 10%, you get **035185**, and if you desaturate by 10%, it is **1D5B85**.

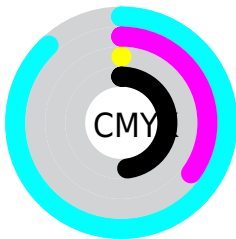
Distribution



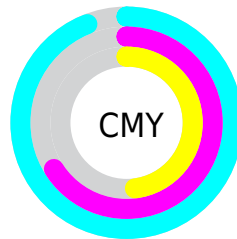
- Red (6%)
- Green (34%)
- Blue (52%)



- Red (6%)
- Yellow (24%)
- Blue (52%)



- Cyan (88%)
- Magenta (35%)
- Yellow (0%)
- Black (48%)



- Cyan (94%)
- Magenta (66%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 105685 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 105685 by changing the saturation by 10% instead.

■ 105685

■ 105685

FFFFFF

■ 003F6C

■ 5387BA

■ 002953

■ 6FA2D6

■ 00153C

■ 8BBDF3

■ 000225

■ A7D8FF

■ 00010E

■ C4F5FF

■ 000000

■ E1FFFF

■ 105685

■ 105685

■ 035185

■ 1D5B85

■ 005085

■ 2B6185

■ 386685

■ 456B85

■ 537185

■ 607685

■ 6D7B85

■ 7A8185

■ 888685

Harmonies

Analogous

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



005C7C



105685



4E4D80

Triad

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



105685



813E3D



2B5C34

Complementary

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



105685



853F10

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.



4B5722



105685



774628

Square

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



105685



7F3C57



644F1D



005F4D

Rectangle

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



105685



654676



644F1D



375B2D

Sweetspot

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



105685



809BAD



10853F



3C4C57



D6D6D6



575757

Same Dimension

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



105685



0068AD



101C85



3C4042



004E82



000203

Inverse Universe

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



851056



AD0068



857910



423C40



82004E



030002

Previews

White Background



This preview shows how the Hex color 105685 looks on a white background.

Color Contrast Check

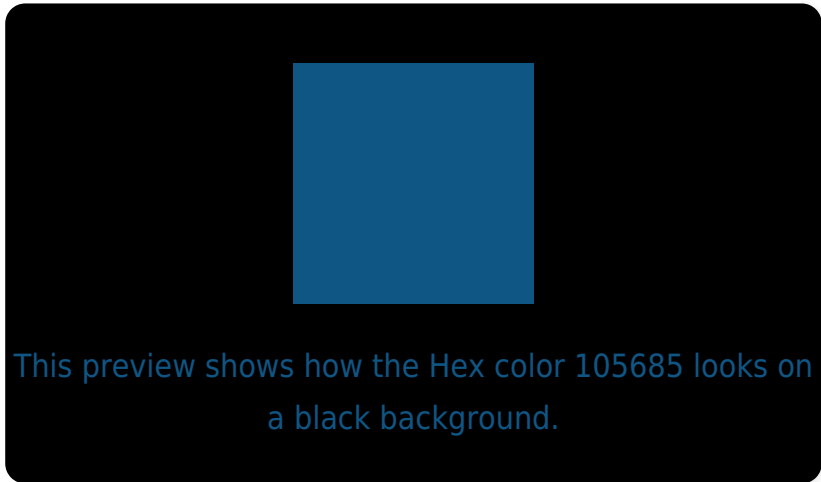
Large Text (above 18pt) WCAG AA ✓ Pass

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

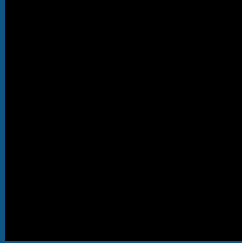
Any Text WCAG AA × Fail

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 105685 Background



This preview shows how black text looks on a background with the Hex color 105685.

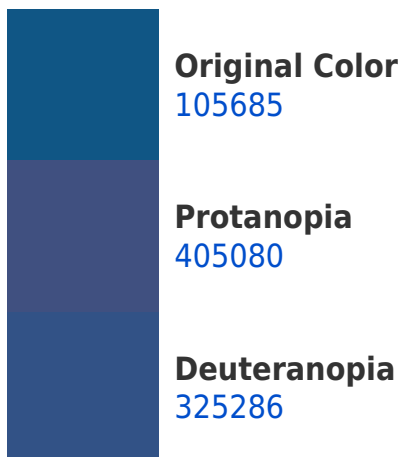


This preview shows how white text looks on a background with the Hex color 105685.

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](#).

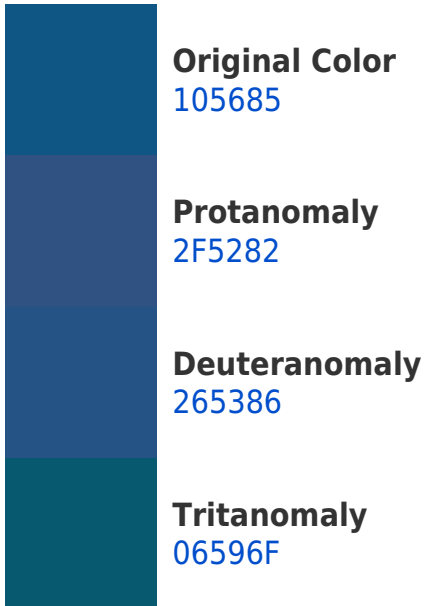
Dichromacy





Tritanopia
005B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 105685 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 #105685 looks like.

```
.text, #text, p{  
    color:#105685  
}
```

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 #105685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #105685
}
```

Border

The CSS property to change the border of an element to Hex 105685 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
#105685 }
```

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

```
.border{ border-color:#105685 }
```

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

Here you see how a box with a 4 pixel #105685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #105685; -webkit-box-shadow:4px 4px  
4px 4px #105685; box-shadow:4px 4px 4px  
4px #105685 }
```

Background

The CSS property to change the background color of an element to Hex 105685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#105685 }
```

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

```
.background{ background-color:#105685 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor