

Converting Colors

Hex(105E68)

Have a look what the booklet for
Hex(105E68) contains.

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Color

Hex(105E68)

Conversions

Conversions Part 1

Format	Color
Hex	105E68
RGB	16, 94, 104
RGB Percent	6%, 37%, 41%
CMY	0.9373, 0.6314, 0.5922
CMYK	0.85, 0.10, 0.00, 0.59
HSL	187°, 73%, 24%
HSV	187°, 85%, 41%
XYZ	6.7151, 9.1150, 14.5022
YIQ	71.8180, -49.6980, -13.4260

Conversions

Conversions Part 2

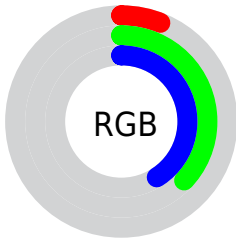
Format	Color
RYB	16, 57, 104
Decimal	1072744
CIELab	36.20, -18.32, -12.13
CIELCh	36, 21.972, 213.508
Yxy	9.1150, 0.2214, 0.3005
Android (android.graphics.Color)	4279262824 (0xFF105E68)
YUV	71.8180, 15.8657, -48.9524
Hunter-Lab	30.1911, -13.1327, -7.3459

Details

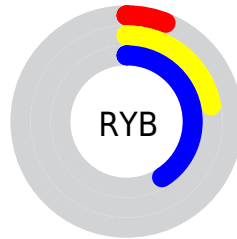
The Hex color **105E68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **681A10**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4E919B**, and **003039** is the 20% darker color. If you saturate the color by 10%, you get **065D68**, and if you desaturate by 10%, it is **1A5F68**.

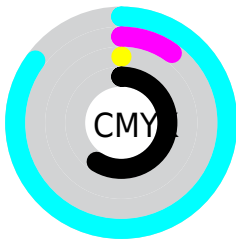
Distribution



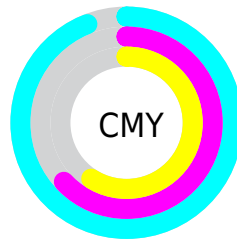
- Red (6%)
- Green (37%)
- Blue (41%)



- Red (6%)
- Yellow (22%)
- Blue (41%)



- Cyan (85%)
- Magenta (10%)
- Yellow (0%)
- Black (59%)



- Cyan (94%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 105E68 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 105E68 by changing the saturation by 10% instead.

 105E68

 105E68

FFFFFF

 004650

 4E919B

 003039

 69ABB6

 001C23

 84C7D2

 00010D

 A0E3EE

 000000

 BCFFFF

 D9FFFF

 F6FFFF

 105E68

 105E68

065D68

1A5F68

005C68

256068

2F6268

3A6368

446468

4E6568

596668

636768

6E6968

Harmonies

Analogous

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



205F57



105E68



225B74

Triad

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



105E68



6D4A65



5F5532

Complementary

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



105E68



681A10

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.



6E4F36



105E68



774854

Square

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



105E68



5A5073



774943



4C5A37

Rectangle

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



105E68



365878



774943



645332

Sweetspot

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



105E68



658387



106819



304345



C4C4C4



454545

Same Dimension

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



105E68



007887



103368



2E3233



006673



00D7F2

Inverse Universe

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



68105E



870078



684510



332E32



730066



F200D7

Previews

White Background



This preview shows how the Hex color 105E68 looks on a white background.

Color Contrast Check

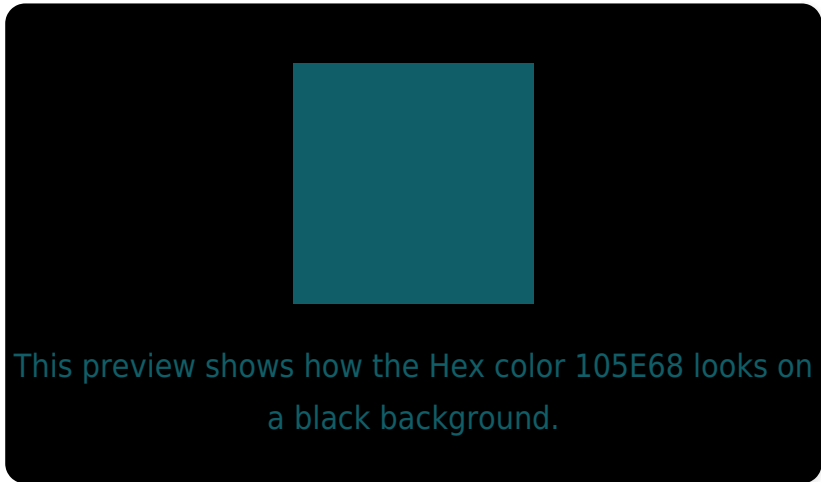
Large Text (above 18pt) WCAG AA ✓ Pass

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

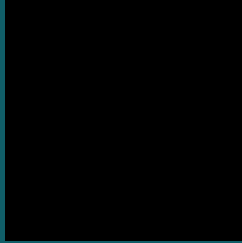
Any Text WCAG AA × Fail

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 105E68 Background



This preview shows how black text looks on a background with the Hex color 105E68.

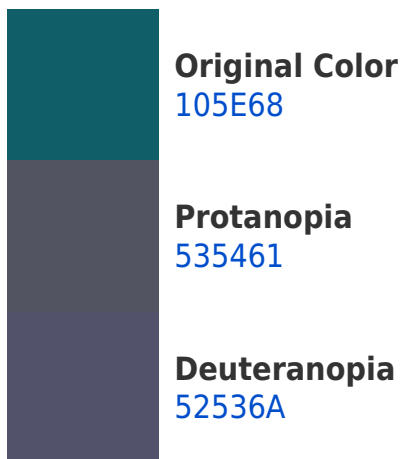


This preview shows how white text looks on a background with the Hex color 105E68.

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](#).

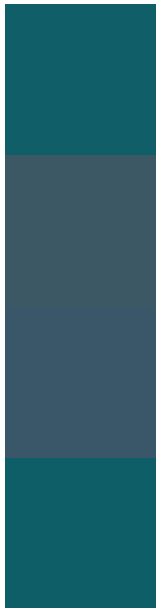
Dichromacy





Tritanopia
0D5E66

Trichromacy



Original Color
105E68

Protanomaly
3B5864

Deuteranomaly
3A5769

Tritanomaly
0E5E67

Monochromacy



Original Color
105E68

Achromatopsia
484848

Achromatomaly
345054

CSS Examples

Text

The CSS property to change the color of the text to Hex 105E68 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 #105E68 looks like.

```
.text, #text, p{  
    color:#105E68  
}
```

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 #105E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #105E68  
}
```

Border

The CSS property to change the border of an element to Hex 105E68 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  
#105E68 }
```

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

```
.border{ border-color:#105E68 }
```

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

Here you see how a box with a 4 pixel #105E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #105E68; -webkit-box-shadow:4px 4px  
4px 4px #105E68; box-shadow:4px 4px 4px  
4px #105E68 }
```

Background

The CSS property to change the background color of an element to Hex 105E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#105E68 }
```

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

```
.background{ background-color:#105E68 }
```

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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