

Converting Colors

Hex(107189)

Have a look what the booklet for
Hex(107189) contains.

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Color

Hex(107189)

Conversions

Conversions Part 1

Format	Color
Hex	107189
RGB	16, 113, 137
RGB Percent	6%, 44%, 54%
CMY	0.9373, 0.5569, 0.4627
CMYK	0.88, 0.18, 0.00, 0.46
HSL	192°, 79%, 30%
HSV	192°, 88%, 54%
XYZ	10.6342, 13.7266, 25.7559
YIQ	86.7330, -65.5160, -13.1000

Conversions

Conversions Part 2

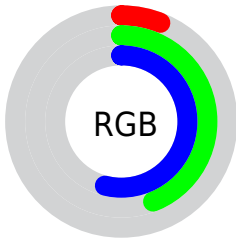
Format	Color
RYB	16, 70, 137
Decimal	1077641
CIELab	43.84, -16.99, -20.52
CIELCh	44, 26.643, 230.373
Yxy	13.7266, 0.2122, 0.2739
Android (android.graphics.Color)	4279267721 (0xFF107189)
YUV	86.7330, 24.7816, -62.0328
Hunter-Lab	37.0494, -13.6021, -15.2826

Details

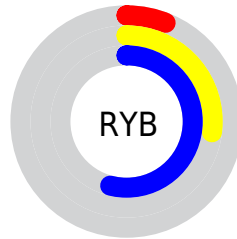
The Hex color **107189** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **892810**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **56A5BE**, and **004157** is the 20% darker color. If you saturate the color by 10%, you get **026E89**, and if you desaturate by 10%, it is **1E7489**.

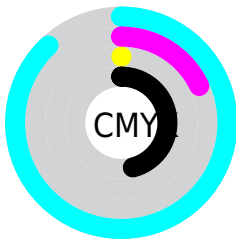
Distribution



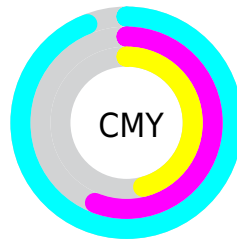
- Red (6%)
- Green (44%)
- Blue (54%)



- Red (6%)
- Yellow (27%)
- Blue (54%)



- Cyan (88%)
- Magenta (18%)
- Yellow (0%)
- Black (46%)



- Cyan (94%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107189 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 107189 by changing the saturation by 10% instead.

■ 107189

■ 107189

FFFFFF

■ 005870

■ 56A5BE

■ 004157

■ 73C0DA

■ 002B40

■ 8FDCF7

■ 00182A

■ ACF9FF

■ 000115

■ C9FFFF

■ 000000

■ E6FFFF

■ 107189

■ 107189

■ 026E89

■ 1E7489

■ 006E89

■ 2B7689

■ 397989

■ 477C89

■ 547F89

■ 628189

■ 708489

■ 7E8789

■ 8B8989

Harmonies

Analogous

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



0D7376



107189



3B6C93

Triad

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



107189



8E5770



676B3D

Complementary

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



107189



892810

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.



7C643C



107189



935759

Square

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



107189



7C5C84



8C5C46



4E704B

Rectangle

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



107189



546793



8C5C46



6F693B

Sweetspot

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



107189



84A9B3



108926



3E5459



D9D9D9



595959

Same Dimension

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



107189



008FB3



103689



3E4345



006A85



000405

Inverse Universe

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



891071



B3008F



896310



453E43



85006A



050004

Previews

White Background



This preview shows how the Hex color 107189 looks on a white background.

Color Contrast Check

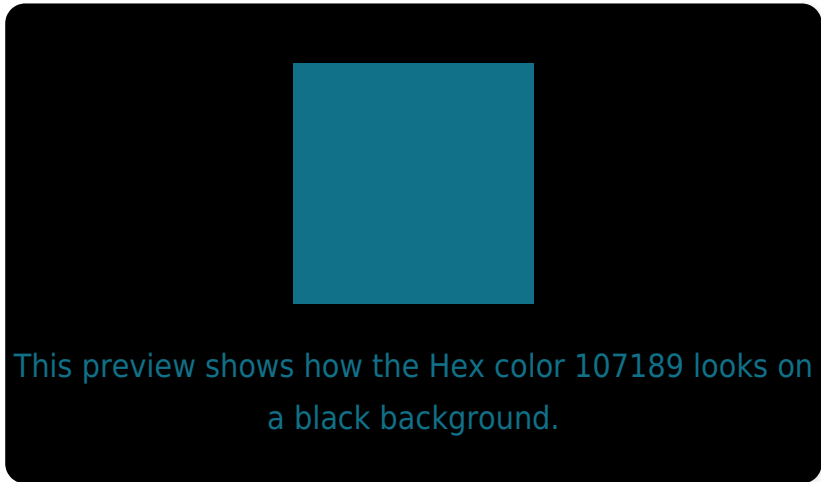
Large Text (above 18pt) WCAG AA ✓ Pass

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

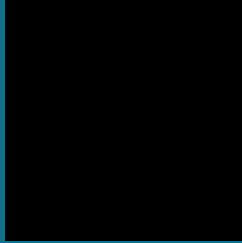
Any Text WCAG AA × Fail

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 107189 Background



This preview shows how black text looks on a background with the Hex color 107189.

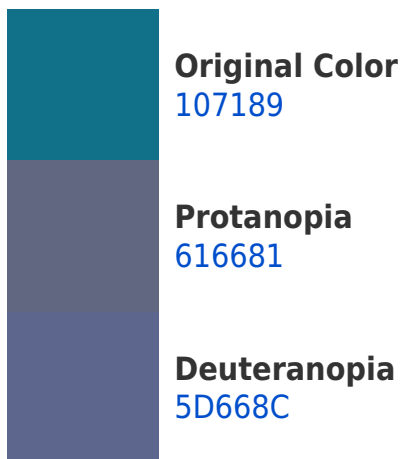


This preview shows how white text looks on a background with the Hex color 107189.

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
00737C

Trichromacy



Original Color
107189

Protanomaly
446A84

Deuteranomaly
416A8B

Tritanomaly
067281

Monochromacy



Original Color
107189

Achromatopsia
575757

Achromatomaly
3D6069

CSS Examples

Text

The CSS property to change the color of the text to Hex 107189 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 #107189 looks like.

```
.text, #text, p{  
    color:#107189  
}
```

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 #107189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107189
}
```

Border

The CSS property to change the border of an element to Hex 107189 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
#107189 }
```

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

```
.border{ border-color:#107189 }
```

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

Here you see how a box with a 4 pixel #107189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107189; -webkit-box-shadow:4px 4px  
4px 4px #107189; box-shadow:4px 4px 4px  
4px #107189 }
```

Background

The CSS property to change the background color of an element to Hex 107189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107189 }
```

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

```
.background{ background-color:#107189 }
```

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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