

Converting Colors

Hex(07138A)

Have a look what the booklet for
Hex(07138A) contains.

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Color

Hex(07138A)

Conversions

Conversions Part 1

Format	Color
Hex	07138A
RGB	7, 19, 138
RGB Percent	3%, 7%, 54%
CMY	0.9725, 0.9255, 0.4588
CMYK	0.95, 0.86, 0.00, 0.46
HSL	235°, 90%, 28%
HSV	235°, 95%, 54%
XYZ	4.9079, 2.3459, 24.2389
YIQ	28.9780, -45.3510, 34.4650

Conversions

Conversions Part 2

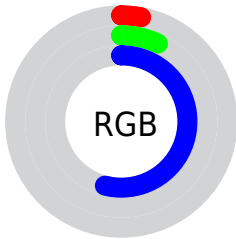
Format	Color
RYB	7, 18, 138
Decimal	463754
CIELab	17.21, 43.06, -63.96
CIELCh	17, 77.102, 303.948
Yxy	2.3459, 0.1558, 0.0745
Android (android.graphics.Color)	4278653834 (0xFF07138A)
YUV	28.9780, 53.7478, -19.2747
Hunter-Lab	15.3163, 30.3948, -83.1082

Details

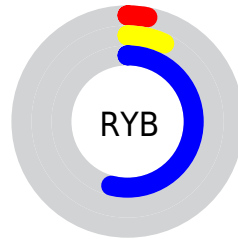
The Hex color **07138A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **8A7E07**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5641C1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **000D8A**, and if you desaturate by 10%, it is **15208A**.

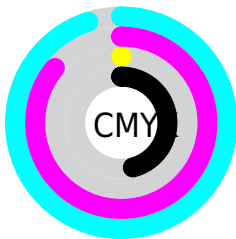
Distribution



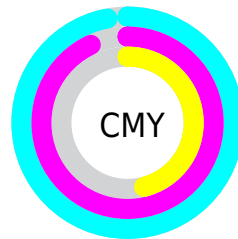
- Red (3%)
- Green (7%)
- Blue (54%)



- Red (3%)
- Yellow (7%)
- Blue (54%)



- Cyan (95%)
- Magenta (86%)
- Yellow (0%)
- Black (46%)



- Cyan (97%)
- Magenta (93%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07138A 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 07138A by changing the saturation by 10% instead.

07138A

07138A

FFFCFF

000070

5641C1

000057

745ADD

00063E

9173FA

000327

AE8DFF

000111

CCA7FF

000000

EAC3FF

FFDFFF

07138A

07138A

■ 00D8A

■ 15208A

■ 232C8A

■ 30398A

■ 3E458A

■ 4C528A

■ 5A5E8A

■ 686B8A

■ 75778A

■ 83848A

Harmonies

Analogous

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



00339E



07138A



6C005C

Triad

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



07138A



590A00



003C31

Complementary

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



07138A



8A7E07

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.



003A00



07138A



2F2C00

Square

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



07138A



760000



003600



003D69

Rectangle

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



07138A



7D0038



003600



003C1D

Sweetspot

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



07138A



8185B3



078A7D



3B3E59



D9D9D9



595959

Same Dimension

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



07138A



0010B3



3B078A



3E3F45



000C85



000005

Inverse Universe

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



8A0713



B30010



568A07



453E3F



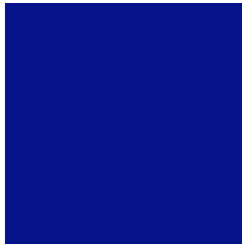
85000C



050000

Previews

White Background



This preview shows how the Hex color 07138A looks on a white background.

Color Contrast Check

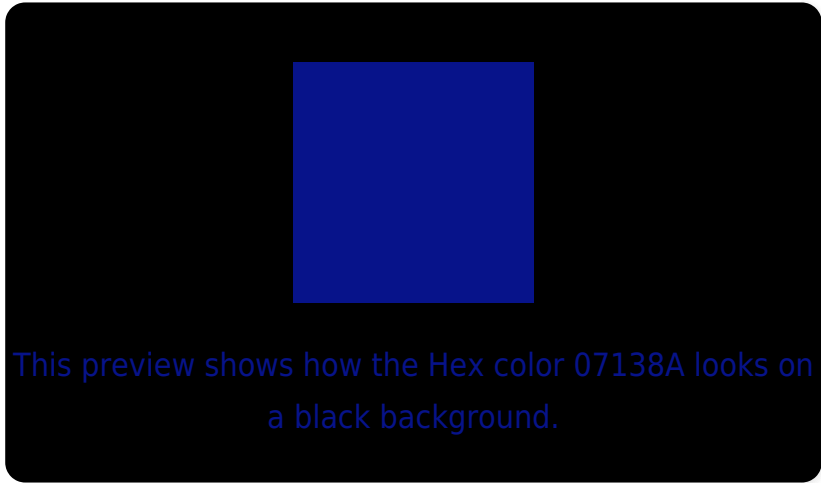
Large Text (above 18pt) WCAG AA ✓ Pass

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

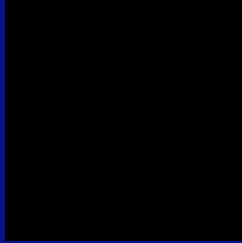
Any Text WCAG AA × Fail

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 07138A Background



This preview shows how black text looks on a background with the Hex color 07138A.



This preview shows how white text looks on a background with the Hex color 07138A.

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
07138A

Protanopia
002B59

Deuteranopia
002E4C



Tritanopia
003133

Trichromacy



Original Color
07138A

Protanomaly
03226B

Deuteranomaly
032463

Tritanomaly
032653

Monochromacy



Original Color
07138A

Achromatopsia
1D1D1D

Achromatomaly
151945

CSS Examples

Text

The CSS property to change the color of the text to Hex 07138A 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 #07138A looks like.

```
.text, #text, p{  
    color:#07138A  
}
```

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 #07138A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07138A
}
```

Border

The CSS property to change the border of an element to Hex 07138A 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
#07138A }
```

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

```
.border{ border-color:#07138A }
```

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

Here you see how a box with a 4 pixel #07138A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07138A; -webkit-box-shadow:4px 4px  
4px 4px #07138A; box-shadow:4px 4px 4px  
4px #07138A }
```

Background

The CSS property to change the background color of an element to Hex 07138A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07138A }
```

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

```
.background{ background-color:#07138A }
```

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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