

Converting Colors

Hex(07114A)

Have a look what the booklet for
Hex(07114A) contains.

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Color

Hex(07114A)

Conversions

Conversions Part 1

Format	Color
Hex	07114A
RGB	7, 17, 74
RGB Percent	3%, 7%, 29%
CMY	0.9725, 0.9333, 0.7098
CMYK	0.91, 0.77, 0.00, 0.71
HSL	231°, 83%, 16%
HSV	231°, 91%, 29%
XYZ	1.5241, 0.9405, 6.5798
YIQ	20.5080, -24.2570, 15.6070

Conversions

Conversions Part 2

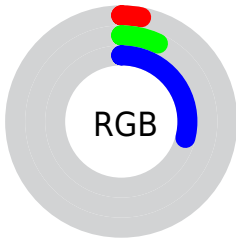
Format	Color
R_YB	7, 16, 74
Decimal	463178
CIE Lab	8.49, 20.54, -36.27
CIE LCh	8, 41.682, 299.529
Yxy	0.9405, 0.1685, 0.1040
Android (android.graphics.Color)	4278653258 (0xFF07114A)
YUV	20.5080, 26.3716, -11.8465
Hunter-Lab	9.6978, 11.0816, -33.4385

Details

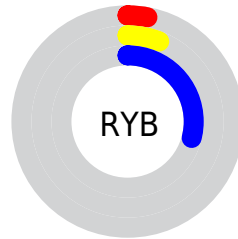
The Hex color **07114A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4A4007**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **403B7C**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **000B4A**, and if you desaturate by 10%, it is **0E174A**.

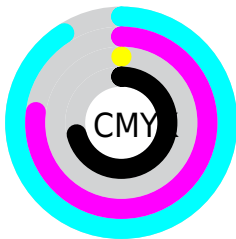
Distribution



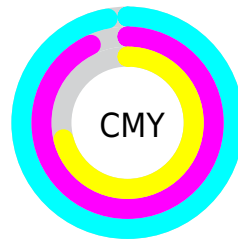
- Red (3%)
- Green (7%)
- Blue (29%)



- Red (3%)
- Yellow (6%)
- Blue (29%)



- Cyan (91%)
- Magenta (77%)
- Yellow (0%)
- Black (71%)



- Cyan (97%)
- Magenta (93%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07114A 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 07114A by changing the saturation by 10% instead.

07114A

07114A

FFFOFF

000033

403B7C

00021D

5A5296

000000

746AB1

8E83CC

AA9DE9

C6B8FF

E2D4FF

07114A

07114A

■ 00B4A

■ 0E174A

■ 161E4A

■ 1D244A

■ 252A4A

■ 2C304A

■ 33374A

■ 3B3D4A

■ 42434A

■ 4A4A4A

Harmonies

Analogous

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



001D52



07114A



370035

Triad

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



07114A



350900



002417

Complementary

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



07114A



4A4007

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.



002400



07114A



201800

Square

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



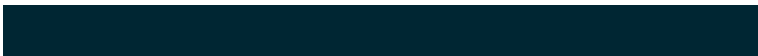
07114A



430000



001F00



002633

Rectangle

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



07114A



420023



001F00



00240B

Sweetspot

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



07114A



474B61



074A40



212330



B0B0B0



303030

Same Dimension

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



07114A



000E61



1E074A



222326



000F66



0022E6

Inverse Universe

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



4A0711



61000E



334A07



262223



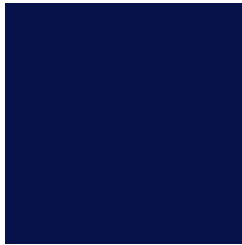
66000F



E60022

Previews

White Background



This preview shows how the Hex color 07114A looks on a white background.

Color Contrast Check

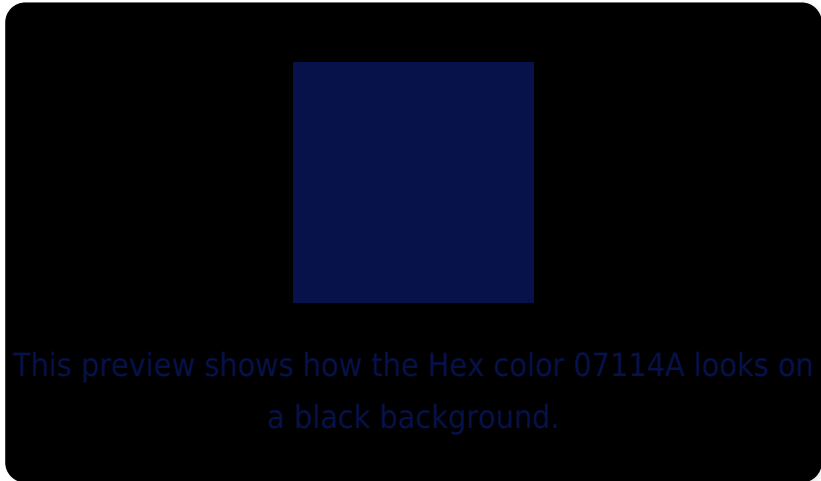
Large Text (above 18pt) WCAG AA ✓ Pass

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

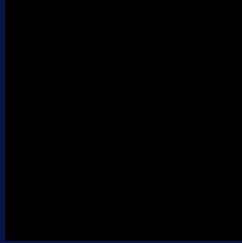
Any Text WCAG AA × Fail

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 07114A Background



This preview shows how black text looks on a background with the Hex color 07114A.



This preview shows how white text looks on a background with the Hex color 07114A.

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

07114A

Protanopia

001935

Deuteranopia

001B2D



Tritanopia
001D1E

Trichromacy



Original Color
07114A

Protanomaly
03163D

Deuteranomaly
031738

Tritanomaly
03192E

Monochromacy



Original Color
07114A

Achromatopsia
151515

Achromatomaly
101428

CSS Examples

Text

The CSS property to change the color of the text to Hex 07114A 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 #07114A looks like.

```
.text, #text, p{  
    color:#07114A  
}
```

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 #07114A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07114A
}
```

Border

The CSS property to change the border of an element to Hex 07114A is called "border". The border property can be set on classes, ids or directly on the HTML element.

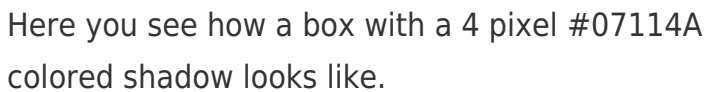
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07114A }
```

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

```
.border{ border-color:#07114A }
```

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



Here you see how a box with a 4 pixel #07114A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07114A; -webkit-box-shadow:4px 4px  
4px 4px #07114A; box-shadow:4px 4px 4px  
4px #07114A }
```

Background

The CSS property to change the background color of an element to Hex 07114A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07114A }
```

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

```
.background{ background-color:#07114A }
```

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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