

Converting Colors

Hex(09347E)

Have a look what the booklet for
Hex(09347E) contains.

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Color

Hex(09347E)

Conversions

Conversions Part 1

Format	Color
Hex	09347E
RGB	9, 52, 126
RGB Percent	4%, 20%, 49%
CMY	0.9647, 0.7961, 0.5059
CMYK	0.93, 0.59, 0.00, 0.51
HSL	218°, 87%, 26%
HSV	218°, 93%, 49%
XYZ	5.1065, 4.0204, 20.2455
YIQ	47.5790, -49.3820, 13.8980

Conversions

Conversions Part 2

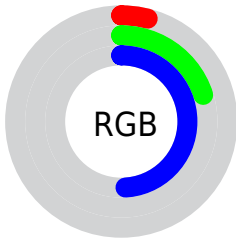
Format	Color
R_{YB}	9, 40, 126
Decimal	603262
CIE _{Lab}	23.74, 17.38, -45.64
CIE _{LCh}	24, 48.835, 290.849
Yxy	4.0204, 0.1739, 0.1369
Android (android.graphics.Color)	4278793342 (0xFF09347E)
YUV	47.5790, 38.6616, -33.8338
Hunter-Lab	20.0510, 10.3708, -45.8296

Details

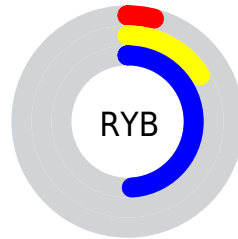
The Hex color **09347E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7E5309**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4F62B3**, and **00094C** is the 20% darker color. If you saturate the color by 10%, you get **002E7E**, and if you desaturate by 10%, it is **163C7E**.

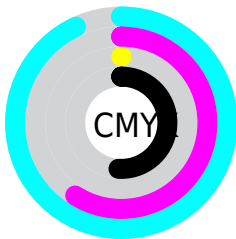
Distribution



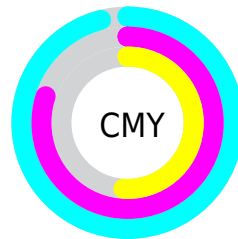
- Red (4%)
- Green (20%)
- Blue (49%)



- Red (4%)
- Yellow (16%)
- Blue (49%)



- Cyan (93%)
- Magenta (59%)
- Yellow (0%)
- Black (51%)



- Cyan (96%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09347E 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 09347E by changing the saturation by 10% instead.

■ 09347E

■ 09347E

FFFFFF

■ 001F65

■ 4F62B3

■ 00094C

■ 6B7BCF

■ 000535

■ 8794EC

■ 00021E

■ A4AFFF

■ 000001

■ COCAFF

■ 000000

■ DDE6FF

■ FBFFFF

■ 09347E

■ 09347E

■ 002E7E

■ 163C7E

■ 22447E

■ 2F4C7E

■ 3B547E

■ 485C7E

■ 55647E

■ 616C7E

■ 6E747E

■ 7A7C7E

Harmonies

Analogous

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



004182



09347E



581F67

Triad

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



09347E



692000



00472C

Complementary

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



09347E



7E5309

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.



004401



09347E



503300

Square

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



09347E



760321



2F3E00



004852

Rectangle

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



09347E



6C0A51



2F3E00



00461F

Sweetspot

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



09347E



7686A3



097E51



364052



D1D1D1



525252

Same Dimension

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



09347E



003CA3



17097E



393C40



002F80



000000

Inverse Universe

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



7E0934



A3003C



707E09



40393C



80002F



000000

Previews

White Background



This preview shows how the Hex color 09347E looks on a white background.

Color Contrast Check

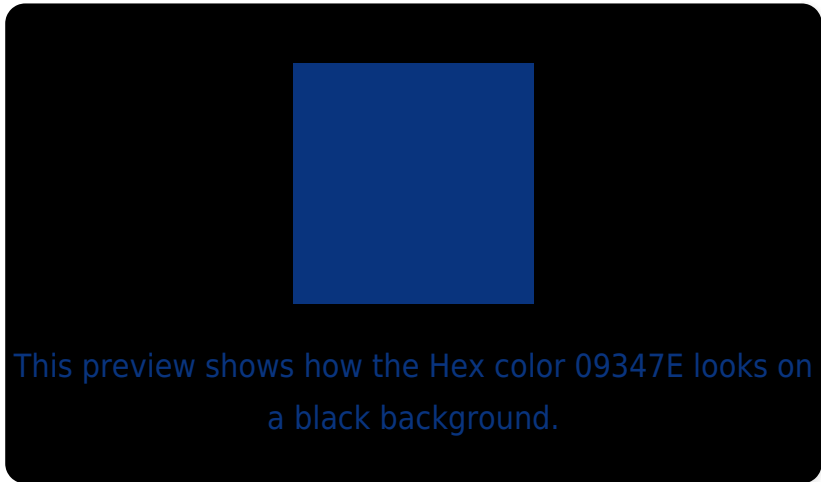
Large Text (above 18pt) WCAG AA ✓ Pass

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

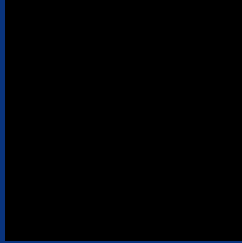
Any Text WCAG AA × Fail

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 09347E Background



This preview shows how black text looks on a background with the Hex color 09347E.



This preview shows how white text looks on a background with the Hex color 09347E.

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
09347E

Protanopia
003774

Deuteranopia
003A64



Tritanopia
003F43

Trichromacy



Original Color
09347E

Protanomaly
033678

Deuteranomaly
03386D

Tritanomaly
033B58

Monochromacy



Original Color
09347E

Achromatopsia
303030

Achromatomaly
22314C

CSS Examples

Text

The CSS property to change the color of the text to Hex 09347E 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 #09347E looks like.

```
.text, #text, p{  
    color:#09347E  
}
```

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 #09347E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09347E
}
```

Border

The CSS property to change the border of an element to Hex 09347E 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
#09347E }
```

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

```
.border{ border-color:#09347E }
```

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

Here you see how a box with a 4 pixel #09347E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09347E; -webkit-box-shadow:4px 4px  
4px 4px #09347E; box-shadow:4px 4px 4px  
4px #09347E }
```

Background

The CSS property to change the background color of an element to Hex 09347E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09347E }
```

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

```
.background{ background-color:#09347E }
```

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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