

# Converting Colors

Hex(10347B)

Have a look what the booklet for  
Hex(10347B) contains.

<b>Hex(10347B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(10347B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	10347B
RGB	16, 52, 123
RGB Percent	6%, 20%, 48%
CMY	0.9373, 0.7961, 0.5176
CMYK	0.87, 0.58, 0.00, 0.52
HSL	220°, 77%, 27%
HSV	220°, 87%, 48%
XYZ	5.0168, 3.9962, 19.2458
YIQ	49.3300, -44.2470, 14.4490

# Conversions

## Conversions Part 2

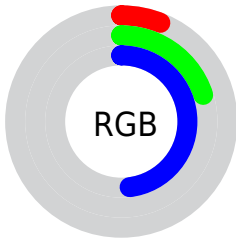
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 43, 123
Decimal	1062011
CIE <sub>Lab</sub>	23.66, 16.61, -43.86
CIE <sub>LCh</sub>	24, 46.905, 290.744
Yxy	3.9962, 0.1775, 0.1414
Android (android.graphics.Color)	4279252091 (0xFF10347B)
YUV	49.3300, 36.3193, -29.2304
Hunter-Lab	19.9905, 9.8131, -43.0880

# Details

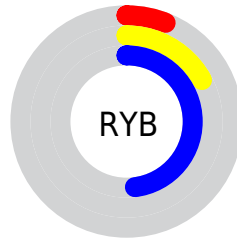
The Hex color **10347B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7B5710**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5162B0**, and **000949** is the 20% darker color. If you saturate the color by 10%, you get **042C7B**, and if you desaturate by 10%, it is **1C3C7B**.

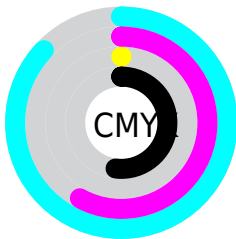
# Distribution



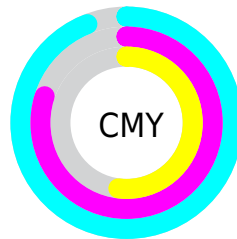
- Red (6%)
- Green (20%)
- Blue (48%)



- Red (6%)
- Yellow (17%)
- Blue (48%)



- Cyan (87%)
- Magenta (58%)
- Yellow (0%)
- Black (52%)



- Cyan (94%)
- Magenta (80%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10347B 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 10347B by changing the saturation by 10% instead.



■ 10347B

■ 10347B

FFFFFF

■ 001F62

■ 5162B0

■ 000949

■ 6D7BCC

■ 000432

■ 8894E8

■ 00021C

■ A4AFFF

■ 000000

■ C1CAFF

■ DEE6FF

■ FBFFFF

■ 10347B

■ 10347B

■ 042C7B

■ 1C3C7B

■ 00297B

■ 29447B

■ 354C7B

■ 41557B

■ 4E5D7B

■ 5A657B

■ 666D7B

■ 72757B

■ 7F7D7B

# Harmonies

## Analogous

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



00407F



10347B



562065

# Triad

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



10347B



672100



00462C

# Complementary

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



10347B



7B5710

# 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.



004404



10347B



4F3300

# Square

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



10347B



740922



303E00



004750

# Rectangle

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



10347B



6A0F50



303E00



00461F



# Sweetspot

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



10347B



7785A1



107B56



384152



D1D1D1



525252



# Same Dimension

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



10347B



0036A1



20107B



37393D



002A7D



0055FC



# Inverse Universe

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



7B1034



A10036



6B7B10



3D3739



7D002A



FC0055



# Previews

## White Background



This preview shows how the Hex color 10347B looks on a white background.

## Color Contrast Check

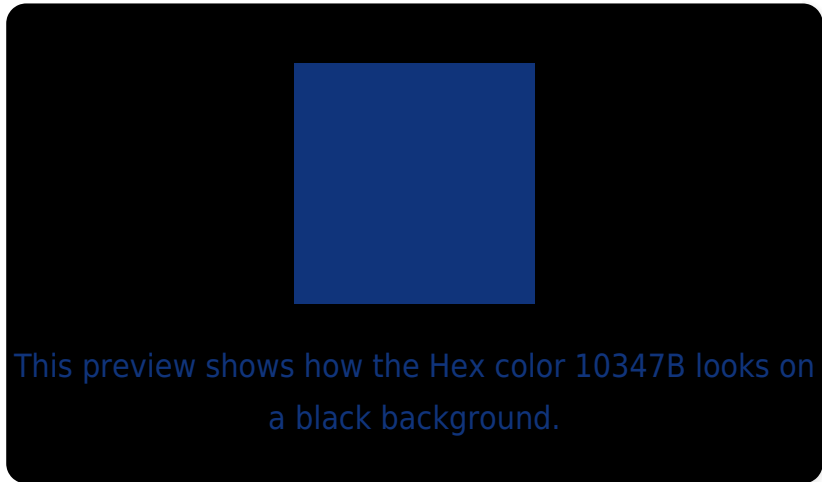
Large Text (above 18pt) WCAG AA ✓ Pass

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

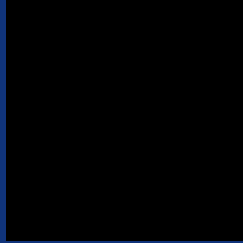
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 10347B Background



This preview shows how black text looks on a background with the Hex color 10347B.



This preview shows how white text looks on a background with the Hex color 10347B.

# 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**  
10347B

**Protanopia**  
003674

**Deuteranopia**  
003A63



**Tritanopia**  
003F43

# Trichromacy



**Original Color**  
10347B

**Protanomaly**  
063577

**Deuteranomaly**  
06386C

**Tritanomaly**  
063B57

# Monochromacy



**Original Color**  
10347B

**Achromatopsia**  
313131

**Achromatomaly**  
25324C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10347B 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 #10347B looks like.

```
.text, #text, p{  
    color:#10347B  
}
```

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 #10347B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10347B
}
```

## Border

The CSS property to change the border of an element to Hex 10347B is called "border". The border property can be set on classes, ids or directly on the HTML element.

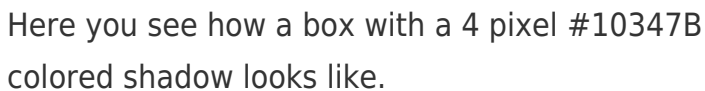
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10347B }
```

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

```
.border{ border-color:#10347B }
```

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



Here you see how a box with a 4 pixel #10347B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10347B; -webkit-box-shadow:4px 4px  
4px 4px #10347B; box-shadow:4px 4px 4px  
4px #10347B }
```

# Background

The CSS property to change the background color of an element to Hex 10347B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10347B }
```

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

```
.background{ background-color:#10347B }
```

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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