

# Converting Colors

Hex(113077)

Have a look what the booklet for  
Hex(113077) contains.

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# Color

**Hex(113077)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	113077
RGB	17, 48, 119
RGB Percent	7%, 19%, 47%
CMY	0.9333, 0.8118, 0.5333
CMYK	0.86, 0.60, 0.00, 0.53
HSL	222°, 75%, 27%
HSV	222°, 86%, 47%
XYZ	4.6179, 3.5650, 17.8975
YIQ	46.8250, -41.2670, 15.5090

# Conversions

## Conversions Part 2

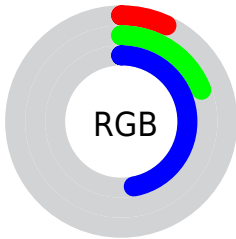
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 41, 119
Decimal	1126519
CIELab	22.18, 17.89, -43.73
CIELCh	22, 47.250, 292.246
Yxy	3.5650, 0.1771, 0.1367
Android (android.graphics.Color)	4279316599 (0xFF113077)
YUV	46.8250, 35.5823, -26.1565
Hunter-Lab	18.8812, 10.6149, -42.9843

# Details

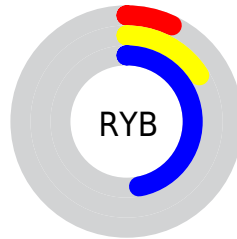
The Hex color **113077** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **775811**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **505DAC**, and **000246** is the 20% darker color. If you saturate the color by 10%, you get **052877**, and if you desaturate by 10%, it is **1D3877**.

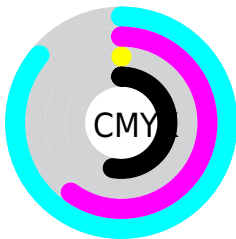
# Distribution



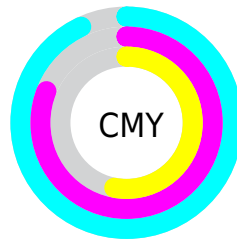
- Red (7%)
- Green (19%)
- Blue (47%)



- Red (7%)
- Yellow (16%)
- Blue (47%)



- Cyan (86%)
- Magenta (60%)
- Yellow (0%)
- Black (53%)



- Cyan (93%)
- Magenta (81%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 113077 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 113077 by changing the saturation by 10% instead.



■ 113077

■ 113077

FFFFFF

■ 001C5E

■ 505DAC

■ 000246

■ 6C76C8

■ 00042E

■ 8890E4

■ 000119

■ A3AAFF

■ 000000

■ C0C5FF

■ DDE1FF

■ FAFEFF

■ 113077

■ 113077

■ 052877

■ 1D3877

■ 002477

■ 294177

■ 354977

■ 415177

■ 4C5977

■ 586277

■ 646A77

■ 707277

■ 7C7B77

# Harmonies

## Analogous

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



003C7C



113077



551B61

# Triad

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



113077



621F00



00432A

# Complementary

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



113077



775811

# 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.



004002



113077



4A3000

# Square

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



113077



6F031D



2A3B00



00444F

# Rectangle

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



113077



67074B



2A3B00



00421E



# Sweetspot

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



113077



737F9C



117757



373E4F



CFCFCF



4F4F4F



# Same Dimension

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



113077



002F9C



241177



35373B



00257A



004CFA



# Inverse Universe

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



771130



9C002F



647711



3B3537



7A0025



FA004C



# Previews

## White Background



This preview shows how the Hex color 113077 looks on a white background.

## Color Contrast Check

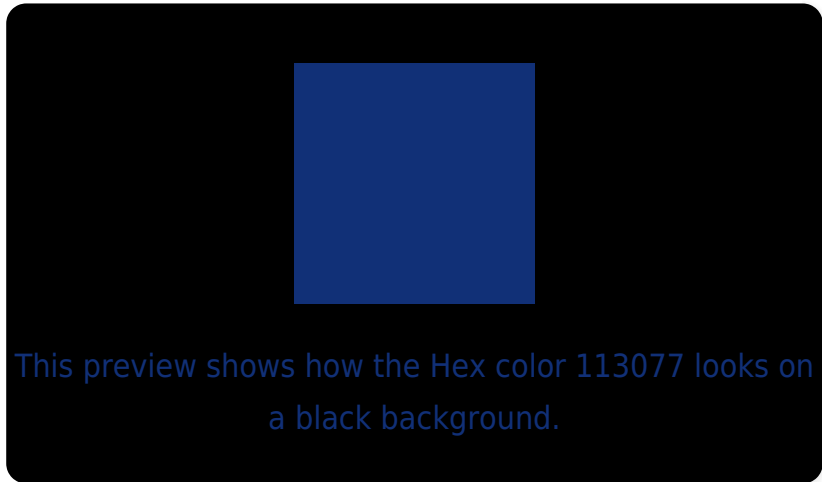
Large Text (above 18pt) WCAG AA ✓ Pass

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

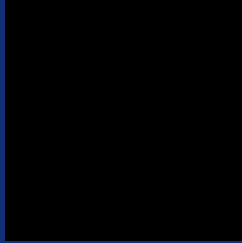
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 113077 Background



This preview shows how black text looks on a background with the Hex color 113077.



This preview shows how white text looks on a background with the Hex color 113077.

# 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**  
113077

**Protanopia**  
00336D

**Deuteranopia**  
00375E



**Tritanopia**  
003B3F

# Trichromacy



**Original Color**  
113077

**Protanomaly**  
063271

**Deuteranomaly**  
063467

**Tritanomaly**  
063753

# Monochromacy



**Original Color**  
113077

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
242F49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 113077 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 #113077 looks like.

```
.text, #text, p{  
    color:#113077  
}
```

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 #113077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113077
}
```

## Border

The CSS property to change the border of an element to Hex 113077 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
#113077 }
```

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

```
.border{ border-color:#113077 }
```

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

Here you see how a box with a 4 pixel #113077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113077; -webkit-box-shadow:4px 4px  
4px 4px #113077; box-shadow:4px 4px 4px  
4px #113077 }
```

# Background

The CSS property to change the background color of an element to Hex 113077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113077 }
```

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

```
.background{ background-color:#113077 }
```

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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