

# Converting Colors

Hex(113261)

Have a look what the booklet for  
Hex(113261) contains.

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# Color

**Hex(113261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	113261
RGB	17, 50, 97
RGB Percent	7%, 20%, 38%
CMY	0.9333, 0.8039, 0.6196
CMYK	0.82, 0.48, 0.00, 0.62
HSL	215°, 70%, 22%
HSV	215°, 82%, 38%
XYZ	3.5294, 3.2634, 11.7531
YIQ	45.4910, -34.7550, 7.6210

# Conversions

## Conversions Part 2

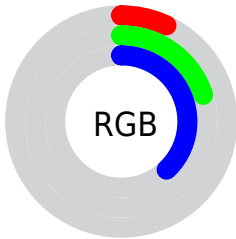
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	17, 40, 97
Decimal	1127009
CIE Lab	21.07, 7.03, -31.31
CIE LCh	21, 32.094, 282.651
Yxy	3.2634, 0.1903, 0.1760
Android (android.graphics.Color)	4279317089 (0xFF113261)
YUV	45.4910, 25.3939, -24.9866
Hunter-Lab	18.0650, 3.2606, -25.9288

# Details

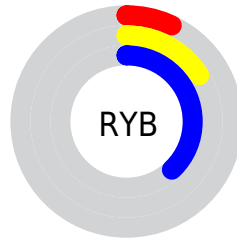
The Hex color **113261** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **614011**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4A6094**, and **000232** is the 20% darker color. If you saturate the color by 10%, you get **072C61**, and if you desaturate by 10%, it is **1B3861**.

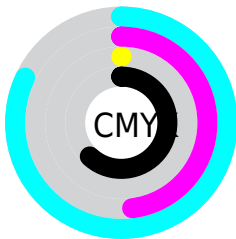
# Distribution



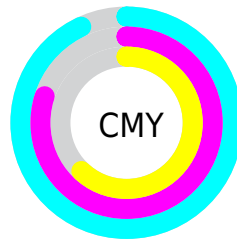
- Red (7%)
- Green (20%)
- Blue (38%)



- Red (7%)
- Yellow (16%)
- Blue (38%)



- Cyan (82%)
- Magenta (48%)
- Yellow (0%)
- Black (62%)



- Cyan (93%)
- Magenta (80%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 113261 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 113261 by changing the saturation by 10% instead.





113261



113261

FFFFFF



001D49



4A6094



000232



6478AF



00021C



7F92CA



000000



9AADE7



B5C8FF



D2E4FF



FFFFFF



113261



113261

■ 072C61

■ 1B3861

■ 002861

■ 243D61

■ 2E4361

■ 384961

■ 424E61

■ 4B5461

■ 555A61

■ 5F6061

■ 686561

# Harmonies

## Analogous

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



003960



113261



402856

# Triad

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



113261



582213



003D24

# Complementary

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



113261



614011

# 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.



1A3A0D



113261



492C00

# Square

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



113261



5D1B2A



353500



003E3C

# Rectangle

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



113261



512049



353500



003C1C



# Sweetspot

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



113261



5E6B7D



116140



2D3540



BFBFBF



404040



# Same Dimension

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



113261



01347D



181161



2C2E30



002E70



0063F0



# Inverse Universe

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



611132



7D0134



5A6111



302C2E



70002E



F00063



# Previews

## White Background



This preview shows how the Hex color 113261 looks on a white background.

## Color Contrast Check

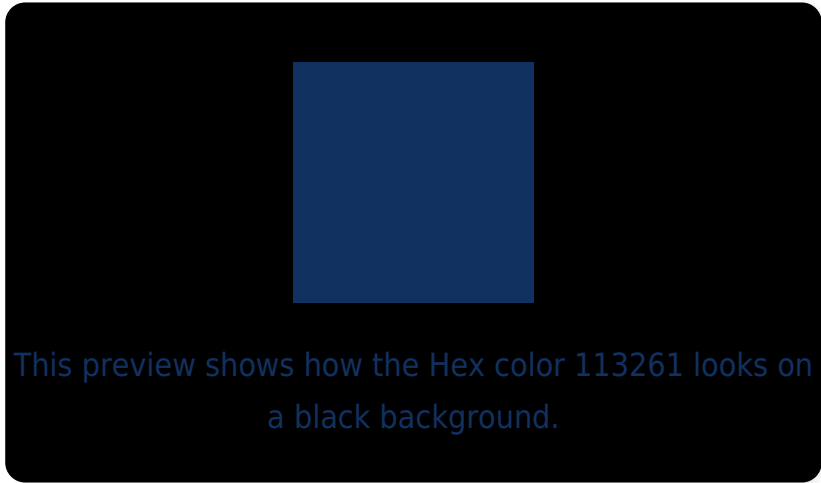
Large Text (above 18pt) WCAG AA ✓ Pass

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 113261 Background



This preview shows how black text looks on a background with the Hex color 113261.



This preview shows how white text looks on a background with the Hex color 113261.

# 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**  
113261

**Protanopia**  
193160

**Deuteranopia**  
00345B



# Trichromacy



**Original Color**

113261

**Protanomaly**

163160

**Deuteranomaly**

06335D

**Tritanomaly**

063649

# Monochromacy



**Original Color**

113261

**Achromatopsia**

2D2D2D

**Achromatomaly**

232F40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 113261 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 #113261 looks like.

```
.text, #text, p{  
    color:#113261  
}
```

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 #113261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113261
}
```

## Border

The CSS property to change the border of an element to Hex 113261 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
#113261 }
```

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

```
.border{ border-color:#113261 }
```

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

Here you see how a box with a 4 pixel #113261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113261; -webkit-box-shadow:4px 4px  
4px 4px #113261; box-shadow:4px 4px 4px  
4px #113261 }
```

# Background

The CSS property to change the background color of an element to Hex 113261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113261 }
```

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

```
.background{ background-color:#113261 }
```

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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