

# Converting Colors

Hex(121465)

Have a look what the booklet for  
Hex(121465) contains.

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# Color

Hex(121465)

# Conversions

## Conversions Part 1

Format	Color
Hex	121465
RGB	18, 20, 101
RGB Percent	7%, 8%, 40%
CMY	0.9294, 0.9216, 0.6039
CMYK	0.82, 0.80, 0.00, 0.60
HSL	239°, 70%, 23%
HSV	239°, 82%, 40%
XYZ	2.8486, 1.5685, 12.4645
YIQ	28.6360, -27.1930, 24.7670

# Conversions

## Conversions Part 2

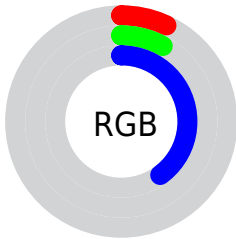
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 20, 101
Decimal	1184869
CIE <sub>Lab</sub>	13.04, 30.15, -47.05
CIE <sub>LCh</sub>	13, 55.879, 302.654
Yxy	1.5685, 0.1687, 0.0929
Android (android.graphics.Color)	4279374949 (0xFF121465)
YUV	28.6360, 35.6755, -9.3278
Hunter-Lab	12.5240, 18.6829, -50.2419

# Details

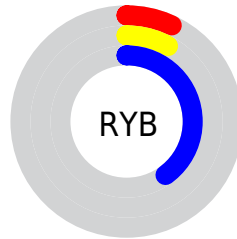
The Hex color **121465** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **656312**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4E4099**, and **000435** is the 20% darker color. If you saturate the color by 10%, you get **080A65**, and if you desaturate by 10%, it is **1C1E65**.

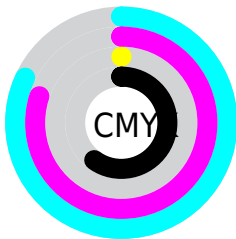
# Distribution



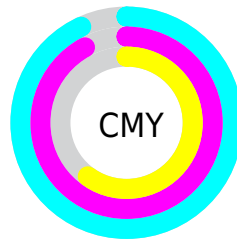
- Red (7%)
- Green (8%)
- Blue (40%)



- Red (7%)
- Yellow (8%)
- Blue (40%)



- Cyan (82%)
- Magenta (80%)
- Yellow (0%)
- Black (60%)



- Cyan (93%)
- Magenta (92%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 121465 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 121465 by changing the saturation by 10% instead.



 121465

 121465


 FFF8FF

 00004C

 4E4099

 000435

 6957B4

 00021F

 8470D0

 000001

 A08AED

 000000

 BCA4FF

 D9BFFF

 F6DBFF

 121465

 121465

■ 080A65

■ 1C1E65

■ 000265

■ 262865

■ 303265

■ 3A3B65

■ 454565

■ 4F4F65

■ 595965

■ 636365

■ 6D6D65

# Harmonies

## Analogous

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



002872



121465



4F0046

# Triad

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



121465



460D00



003124

# Complementary

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



121465



656312

# 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.



002F00



121465



282200

# Square

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



121465



5A0000



002A00



00314B

# Rectangle

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



121465



5D002D



002A00



003016



# Sweetspot

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



121465



626282



126562



2E2F42



C2C2C2



424242



# Same Dimension

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



121465



010482



391265



2E2E33



000373



0006F2



# Inverse Universe

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



651214



820104



3E6512



332E2E



730003

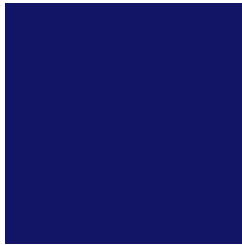


F20006



# Previews

## White Background



This preview shows how the Hex color 121465 looks on a white background.

## Color Contrast Check

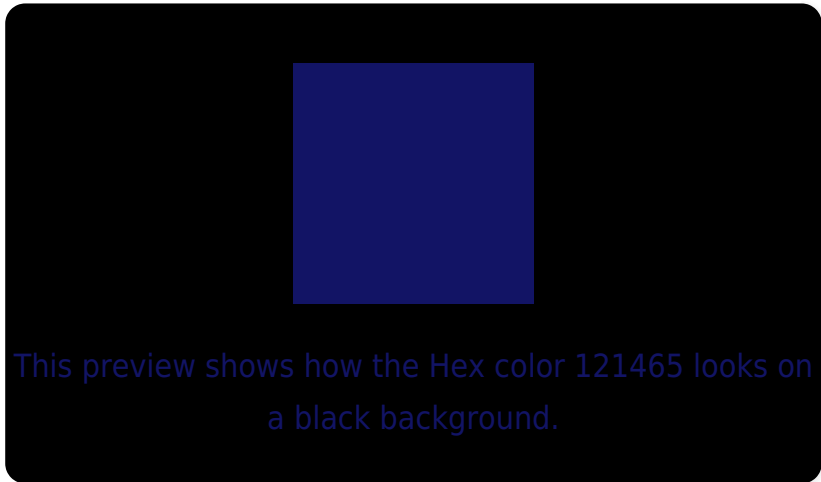
Large Text (above 18pt) WCAG AA ✓ Pass

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

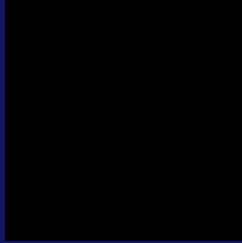
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 121465 Background



This preview shows how black text looks on a background with the Hex color 121465.



This preview shows how white text looks on a background with the Hex color 121465.

# 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**

121465

**Protanopia**

002247

**Deuteranopia**

00243C



# Trichromacy



**Original Color**  
121465

**Protanomaly**  
071D52

**Deuteranomaly**  
071E4B

**Tritanomaly**  
07203F

# Monochromacy



**Original Color**  
121465

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
191A37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 121465 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 #121465 looks like.

```
.text, #text, p{  
    color:#121465  
}
```

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 #121465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121465
}
```

## Border

The CSS property to change the border of an element to Hex 121465 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
#121465 }
```

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

```
.border{ border-color:#121465 }
```

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

Here you see how a box with a 4 pixel #121465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121465; -webkit-box-shadow:4px 4px  
4px 4px #121465; box-shadow:4px 4px 4px  
4px #121465 }
```

# Background

The CSS property to change the background color of an element to Hex 121465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121465 }
```

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

```
.background{ background-color:#121465 }
```

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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