

# Converting Colors

Hex(13184D)

Have a look what the booklet for  
Hex(13184D) contains.

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# Color

**Hex(13184D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13184D
RGB	19, 24, 77
RGB Percent	7%, 9%, 30%
CMY	0.9255, 0.9059, 0.6980
CMYK	0.75, 0.69, 0.00, 0.70
HSL	235°, 60%, 19%
HSV	235°, 75%, 30%
XYZ	1.9347, 1.3275, 7.1754
YIQ	28.5470, -19.9930, 15.4230

# Conversions

## Conversions Part 2

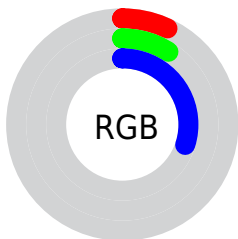
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 24, 77
Decimal	1251405
CIE <sub>Lab</sub>	11.47, 18.13, -33.43
CIE <sub>LCh</sub>	11, 38.028, 298.473
Yxy	1.3275, 0.1854, 0.1272
Android (android.graphics.Color)	4279441485 (0xFF13184D)
YUV	28.5470, 23.8873, -8.3727
Hunter-Lab	11.5219, 9.8103, -28.8585

# Details

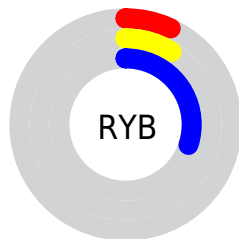
The Hex color **13184D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4D4813**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **47437F**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **0B114D**, and if you desaturate by 10%, it is **1B1F4D**.

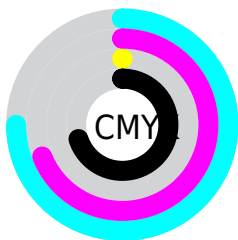
# Distribution



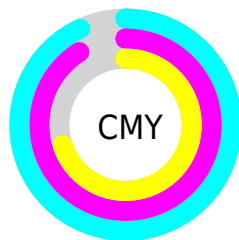
- Red (7%)
- Green (9%)
- Blue (30%)



- Red (7%)
- Yellow (9%)
- Blue (30%)



- Cyan (75%)
- Magenta (69%)
- Yellow (0%)
- Black (70%)




- Cyan (93%)
- Magenta (91%)
- Yellow (70%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 13184D 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 13184D by changing the saturation by 10% instead.



 13184D

 13184D

 FFFAFF

 000036

 47437F

 000220

 605A99

 000004

 7A73B4

 000000


 958CD0

 B0A7EC

 CCC2FF

 E9DEFF

 13184D

 13184D

■ 0B114D

■ 1B1F4D

■ 040A4D

■ 22264D

■ 00074D

■ 2A2D4D

■ 32344D

■ 3A3B4D

■ 41424D

■ 49494D

■ 51504D

■ 58574D

# Harmonies

## Analogous

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



002353



13184D



3B043A

# Triad

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



13184D



3C1100



002A1C

# Complementary

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



13184D



4D4813

# 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.



002800



13184D



281D00

# Square

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



13184D



480000



0E2400



002A37

# Rectangle

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



13184D



46002A



0E2400



002913



# Sweetspot

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



13184D



4D4F63



134D47



252633



B3B3B3



333333



# Same Dimension

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



13184D



0A1263



2A134D



222326



000966



0014E6



# Inverse Universe

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



4D1318



630A12



364D13



262223



660009

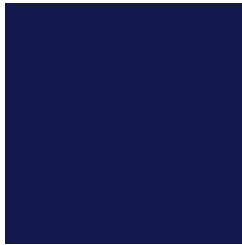


E60014



# Previews

## White Background



This preview shows how the Hex color 13184D looks on a white background.

## Color Contrast Check

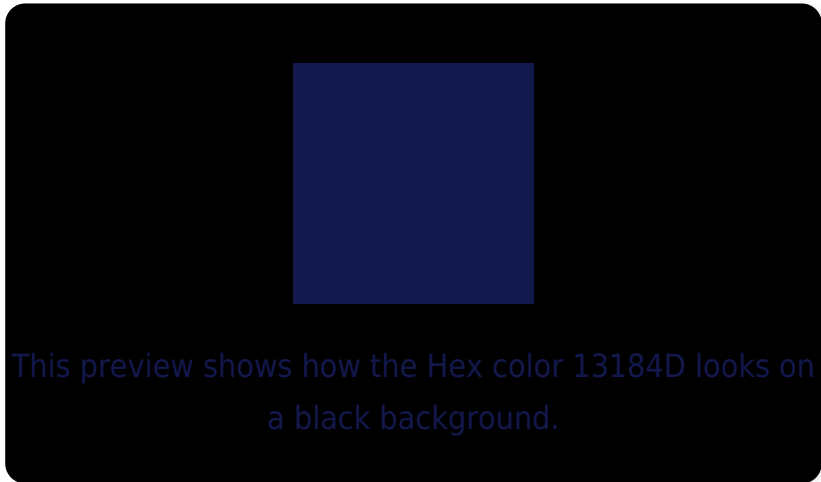
Large Text (above 18pt) WCAG AA ✓ Pass

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

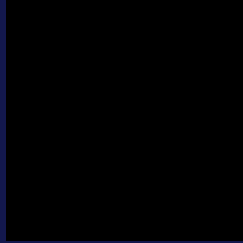
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 13184D Background



This preview shows how black text looks on a background with the Hex color 13184D.



This preview shows how white text looks on a background with the Hex color 13184D.

# 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**  
13184D

**Protanopia**  
001E3F

**Deuteranopia**  
002036



# Trichromacy



**Original Color**  
13184D

**Protanomaly**  
071C44

**Deuteranomaly**  
071D3E

**Tritanomaly**  
071F34

# Monochromacy



**Original Color**  
13184D

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
191B2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13184D 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 #13184D looks like.

```
.text, #text, p{  
    color:#13184D  
}
```

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 #13184D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13184D
}
```

## Border

The CSS property to change the border of an element to Hex 13184D 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
#13184D }
```

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

```
.border{ border-color:#13184D }
```

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

Here you see how a box with a 4 pixel #13184D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13184D; -webkit-box-shadow:4px 4px  
4px 4px #13184D; box-shadow:4px 4px 4px  
4px #13184D }
```

# Background

The CSS property to change the background color of an element to Hex 13184D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13184D }
```

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

```
.background{ background-color:#13184D }
```

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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