

Converting Colors

Hex(144777)

Have a look what the booklet for
Hex(144777) contains.

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Color

Hex(144777)

Conversions

Conversions Part 1

Format	Color
Hex	144777
RGB	20, 71, 119
RGB Percent	8%, 28%, 47%
CMY	0.9216, 0.7216, 0.5333
CMYK	0.83, 0.40, 0.00, 0.53
HSL	209°, 71%, 27%
HSV	209°, 83%, 47%
XYZ	5.8715, 5.9871, 18.2989
YIQ	61.2230, -45.8040, 4.1160

Conversions

Conversions Part 2

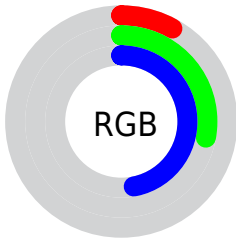
Format	Color
R_{YB}	20, 54, 119
Decimal	1329015
CIE _{Lab}	29.38, 2.05, -32.13
CIE _{LCh}	29, 32.194, 273.654
Yxy	5.9871, 0.1947, 0.1985
Android (android.graphics.Color)	4279519095 (0xFF144777)
YUV	61.2230, 28.4841, -36.1526
Hunter-Lab	24.4686, 0.0130, -27.2123

Details

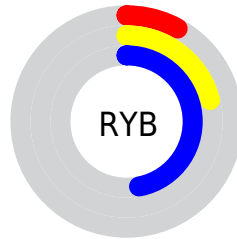
The Hex color **144777** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **774414**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5177AC**, and **001C46** is the 20% darker color. If you saturate the color by 10%, you get **084177**, and if you desaturate by 10%, it is **204D77**.

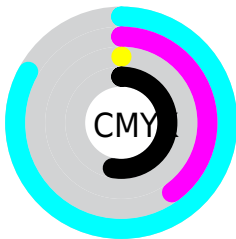
Distribution



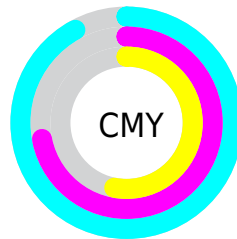
- Red (8%)
- Green (28%)
- Blue (47%)



- Red (8%)
- Yellow (21%)
- Blue (47%)



- Cyan (83%)
- Magenta (40%)
- Yellow (0%)
- Black (53%)



- Cyan (92%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 144777 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 144777 by changing the saturation by 10% instead.

■ 144777

■ 144777

FFFFFF

■ 00315E

■ 5177AC

■ 001C46

■ 6C91C7

■ 000430

■ 88ABE3

■ 00011A

■ A3C6FF

■ 000000

■ C0E2FF

■ DCFFFF

■ FAFFFF

■ 144777

■ 144777

■ 084177

■ 204D77

■ 003D77

■ 2C5377

■ 385877

■ 445E77

■ 4F6477

■ 5B6A77

■ 676F77

■ 737577

■ 7F7B77

Harmonies

Analogous

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



004E72



144777



4A3D6F

Triad

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



144777



71332B



0E502E

Complementary

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



144777



774414

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.



364C19



144777



643C18

Square

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



144777



722E43



50450F



005148

Rectangle

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



144777



5F3663



50450F



204F26

Sweetspot

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



144777



75899C



147744



37444F



CFCFCF



4F4F4F

Same Dimension

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



144777



00509C



141677



35383B



003F7A



0081FA

Inverse Universe

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



771447



9C0050



777514



3B3538



7A003F



FA0081

Previews

White Background



This preview shows how the Hex color 144777 looks on a white background.

Color Contrast Check

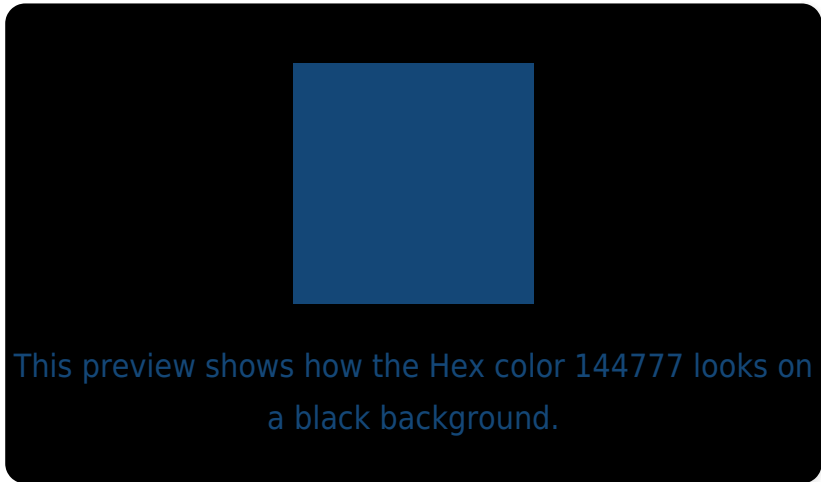
Large Text (above 18pt) WCAG AA ✓ Pass

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

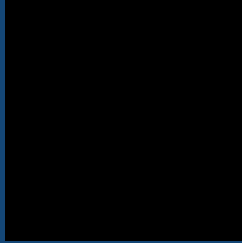
Any Text WCAG AA × Fail

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 144777 Background



This preview shows how black text looks on a background with the Hex color 144777.



This preview shows how white text looks on a background with the Hex color 144777.

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

144777

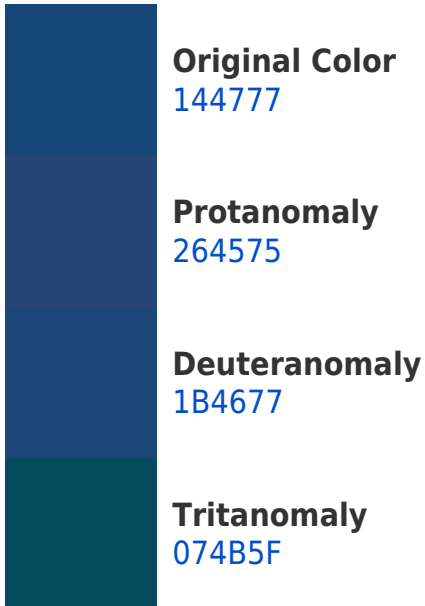
Protanopia

314474

Deuteranopia

1F4677

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 144777 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 #144777 looks like.

```
.text, #text, p{  
    color:#144777  
}
```

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 #144777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #144777
}
```

Border

The CSS property to change the border of an element to Hex 144777 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
#144777 }
```

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

```
.border{ border-color:#144777 }
```

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

Here you see how a box with a 4 pixel #144777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #144777; -webkit-box-shadow:4px 4px  
4px 4px #144777; box-shadow:4px 4px 4px  
4px #144777 }
```

Background

The CSS property to change the background color of an element to Hex 144777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#144777 }
```

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

```
.background{ background-color:#144777 }
```

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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