

Converting Colors

Hex(145077)

Have a look what the booklet for
Hex(145077) contains.

Hex(145077)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(145077)

Conversions

Conversions Part 1

Format	Color
Hex	145077
RGB	20, 80, 119
RGB Percent	8%, 31%, 47%
CMY	0.9216, 0.6863, 0.5333
CMYK	0.83, 0.33, 0.00, 0.53
HSL	204°, 71%, 27%
HSV	204°, 83%, 47%
XYZ	6.4869, 7.2180, 18.5041
YIQ	66.5060, -48.2790, -0.5910

Conversions

Conversions Part 2

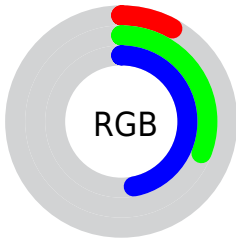
Format	Color
R_{YB}	20, 57, 119
Decimal	1331319
CIE _{Lab}	32.30, -3.85, -27.51
CIE _{LCh}	32, 27.777, 262.035
Yxy	7.2180, 0.2014, 0.2241
Android (android.graphics.Color)	4279521399 (0xFF145077)
YUV	66.5060, 25.8795, -40.7858
Hunter-Lab	26.8662, -3.9167, -22.0295

Details

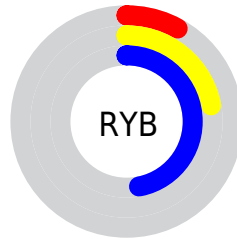
The Hex color **145077** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **773B14**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5181AB**, and **002446** is the 20% darker color. If you saturate the color by 10%, you get **084B77**, and if you desaturate by 10%, it is **205577**.

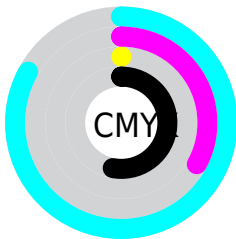
Distribution



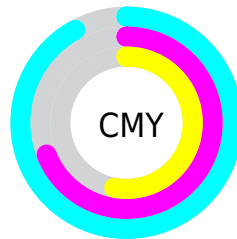
- Red (8%)
- Green (31%)
- Blue (47%)



- Red (8%)
- Yellow (22%)
- Blue (47%)



- Cyan (83%)
- Magenta (33%)
- Yellow (0%)
- Black (53%)



- Cyan (92%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 145077 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 145077 by changing the saturation by 10% instead.

■ 145077

■ 145077

FFFFFF

■ 00395E

■ 5181AB

■ 002446

■ 6C9BC7

■ 000E30

■ 88B6E3

■ 00011A

■ A4D1FF

■ 000000

■ C0EEFF

■ DDFFFF

■ FAFFFF

■ 145077

■ 145077

■ 084B77

■ 205577

■ 004877

■ 2C5977

■ 385E77

■ 446377

■ 4F6777

■ 5B6C77

■ 677177

■ 737677

■ 7F7A77

Harmonies

Analogous

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



00556E



145077



444974

Triad

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



145077



753B3D



2F5430

Complementary

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



145077



773B14

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.



495022



145077



6E412A

Square

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



145077



723A53



5E4920



015745

Rectangle

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



145077



59436D



5E4920



39532A

Sweetspot

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



145077



758C9C



14773A



37464F



CFCFCF



4F4F4F

Same Dimension

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



145077



005E9C



142077



35383B



004A7A



0097FA

Inverse Universe

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



771450



9C005E



776B14



3B3538



7A004A



FA0097

Previews

White Background



This preview shows how the Hex color 145077 looks on a white background.

Color Contrast Check

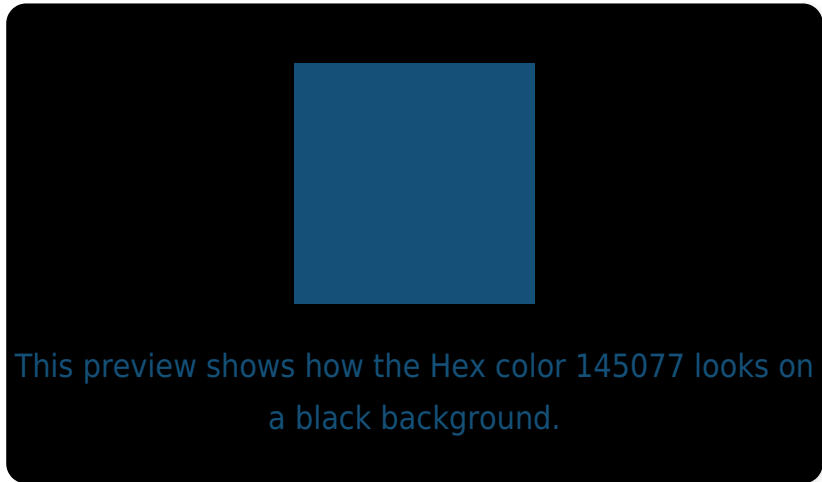
Large Text (above 18pt) WCAG AA ✓ Pass

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

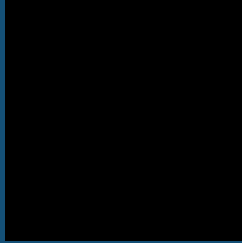
Any Text WCAG AA × Fail

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 145077 Background



This preview shows how black text looks on a background with the Hex color 145077.



This preview shows how white text looks on a background with the Hex color 145077.

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





Tritanopia
00545B

Trichromacy



Original Color
145077

Protanomaly
2F4D74

Deuteranomaly
284D78

Tritanomaly
075365

Monochromacy



Original Color
145077

Achromatopsia
434343

Achromatomaly
324856

CSS Examples

Text

The CSS property to change the color of the text to Hex 145077 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 #145077 looks like.

```
.text, #text, p{  
    color:#145077  
}
```

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 #145077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145077
}
```

Border

The CSS property to change the border of an element to Hex 145077 is called "border". The border property can be set on classes, ids or directly on the HTML element.

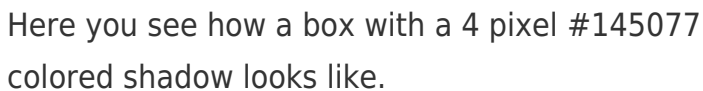
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#145077 }
```

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

```
.border{ border-color:#145077 }
```

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



Here you see how a box with a 4 pixel #145077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145077; -webkit-box-shadow:4px 4px  
4px 4px #145077; box-shadow:4px 4px 4px  
4px #145077 }
```

Background

The CSS property to change the background color of an element to Hex 145077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145077 }
```

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

```
.background{ background-color:#145077 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor