

Converting Colors

Hex(13516A)

Have a look what the booklet for
Hex(13516A) contains.

Hex(13516A)	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(13516A)

Conversions

Conversions Part 1

Format	Color
Hex	13516A
RGB	19, 81, 106
RGB Percent	7%, 32%, 42%
CMY	0.9255, 0.6824, 0.5843
CMYK	0.82, 0.24, 0.00, 0.58
HSL	197°, 70%, 25%
HSV	197°, 82%, 42%
XYZ	5.8125, 7.0639, 14.6928
YIQ	65.3120, -44.9770, -5.3690

Conversions

Conversions Part 2

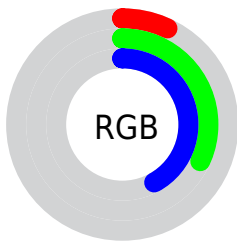
Format	Color
RYB	19, 55, 106
Decimal	1266026
CIELab	31.95, -9.70, -19.91
CIELCh	32, 22.145, 244.025
Yxy	7.0639, 0.2108, 0.2562
Android (android.graphics.Color)	4279456106 (0xFF13516A)
YUV	65.3120, 20.0592, -40.6156
Hunter-Lab	26.5780, -7.4743, -14.1719

Details

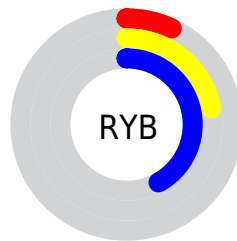
The Hex color **13516A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6A2C13**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4E829D**, and **00243B** is the 20% darker color. If you saturate the color by 10%, you get **084E6A**, and if you desaturate by 10%, it is **1E546A**.

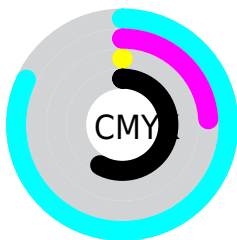
Distribution



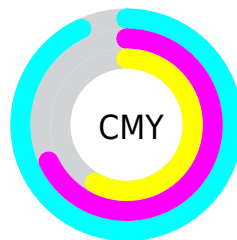
- Red (7%)
- Green (32%)
- Blue (42%)



- Red (7%)
- Yellow (22%)
- Blue (42%)



- Cyan (82%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)



- Cyan (93%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13516A 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 13516A by changing the saturation by 10% instead.

■ 13516A

■ 13516A

FFFFFF

■ 003A52

■ 4E829D

■ 00243B

■ 699CB8

■ 000F25

■ 84B7D4

■ 00010E

■ 9FD3F0

■ 000000

■ BBEFFF

■ D8FFFF

■ F5FFFF

■ 13516A

■ 13516A

■ 084E6A

■ 1E546A

■ 004C6A

■ 28576A

■ 335A6A

■ 3D5D6A

■ 48606A

■ 53636A

■ 5D666A

■ 68696A

■ 726C6A

Harmonies

Analogous

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



00545E



13516A



354C6E

Triad

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



13516A



6C3D49



42502E

Complementary

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



13516A



6A2C13

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.



544B28



13516A



6C4039

Square

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



13516A



63405B



63452C



2C533B

Rectangle

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



13516A



48486B



63452C



484E2B

Sweetspot

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



13516A



67808A



136A2C



303F45



C4C4C4



454545

Same Dimension

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



13516A



03638A



13266A



303436



005475



00AEF5

Inverse Universe

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



6A1351



8A0363



6A5713



363034



750054



F500AE

Previews

White Background



This preview shows how the Hex color 13516A looks on a white background.

Color Contrast Check

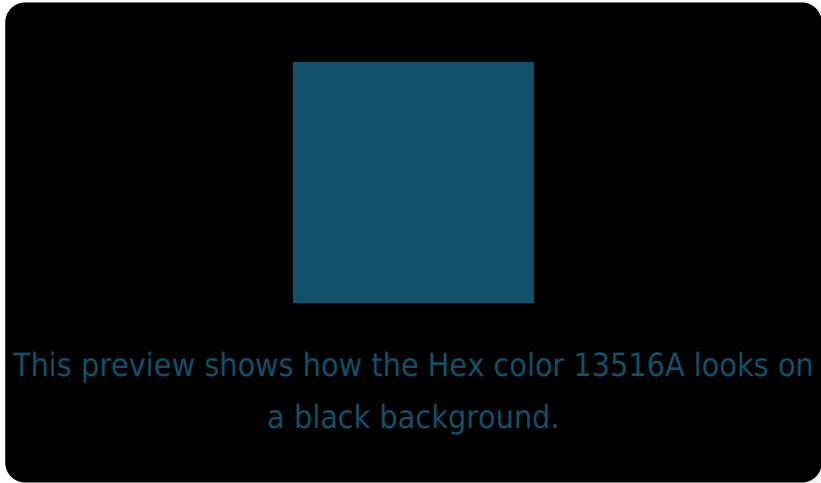
Large Text (above 18pt) WCAG AA ✓ Pass

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

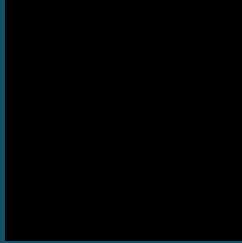
Any Text WCAG AA × Fail

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 13516A Background



This preview shows how black text looks on a background with the Hex color 13516A.



This preview shows how white text looks on a background with the Hex color 13516A.

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
13516A

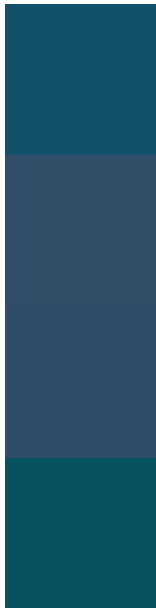
Protanopia
444A65

Deuteranopia
3F4A6C



Tritanopia
00535A

Trichromacy



Original Color
13516A

Protanomaly
324D67

Deuteranomaly
2F4D6B

Tritanomaly
075260

Monochromacy



Original Color
13516A

Achromatopsia
414141

Achromatomaly
304750

CSS Examples

Text

The CSS property to change the color of the text to Hex 13516A 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 #13516A looks like.

```
.text, #text, p{  
    color:#13516A  
}
```

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 #13516A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13516A
}
```

Border

The CSS property to change the border of an element to Hex 13516A 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
#13516A }
```

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

```
.border{ border-color:#13516A }
```

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

Here you see how a box with a 4 pixel #13516A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13516A; -webkit-box-shadow:4px 4px  
4px 4px #13516A; box-shadow:4px 4px 4px  
4px #13516A }
```

Background

The CSS property to change the background color of an element to Hex 13516A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13516A }
```

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

```
.background{ background-color:#13516A }
```

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