

Converting Colors

Hex(061540)

Have a look what the booklet for
Hex(061540) contains.

| | |
|--|----|
| Hex(061540) | 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(061540)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 061540 |
| RGB | 6, 21, 64 |
| RGB Percent | 2%, 8%, 25% |
| CMY | 0.9765, 0.9176, 0.7490 |
| CMYK | 0.91, 0.67, 0.00, 0.75 |
| HSL | 224°, 83%, 14% |
| HSV | 224°, 91%, 25% |
| XYZ | 1.2687, 0.9452, 4.9661 |
| YIQ | 21.4170, -22.7430, 10.1930 |

Conversions

Conversions Part 2

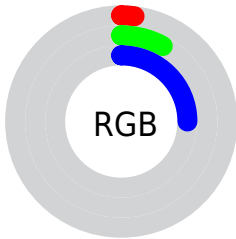
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 6, 18, 64 |
| Decimal | 398656 |
| CIELab | 8.53, 12.89, -29.17 |
| CIELCh | 9, 31.891, 293.838 |
| Yxy | 0.9452, 0.1767, 0.1316 |
| Android (android.graphics.Color) | 4278588736 (0xFF061540) |
| YUV | 21.4170, 20.9934, -13.5207 |
| Hunter-Lab | 9.7222, 6.2792, -23.4795 |

Details

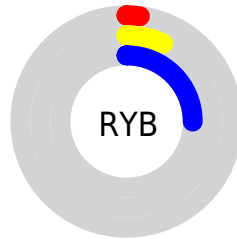
The Hex color **061540** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **403106**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **3B3F70**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **001140**, and if you desaturate by 10%, it is **0C1A40**.

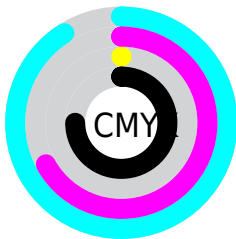
Distribution



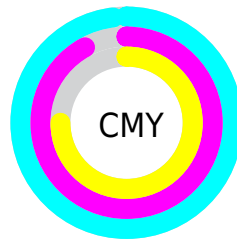
- Red (2%)
- Green (8%)
- Blue (25%)



- Red (2%)
- Yellow (7%)
- Blue (25%)



- Cyan (91%)
- Magenta (67%)
- Yellow (0%)
- Black (75%)



- Cyan (98%)
- Magenta (92%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 061540 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 061540 by changing the saturation by 10% instead.

061540

061540

F7F5FF

00002A

3B3F70

000114

54568A

000000

6E6EA4

8888C0

A3A2DC

BEBDF8

DBD9FF

061540

061540

■ 001140

■ 0C1A40

■ 131E40

■ 192340

■ 202840

■ 262D40

■ 2C3140

■ 333640

■ 393B40

■ 404040

Harmonies

Analogous

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



001D43



061540



2D0832

Triad

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



061540



330B00



002313

Complementary

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



061540



403106

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.



002100



061540



241600

Square

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



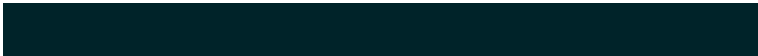
061540



3C0001



0E1D00



002329

Rectangle

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



061540



370025



0E1D00



002308

Sweetspot

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



061540



3D4354



064031



1D212B



ABABAB



2B2B2B

Same Dimension

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



061540



001654



140640



1E1F21



001961



003AE0

Inverse Universe

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



400615



540016



324006



211E1F



610019



E0003A

Previews

White Background



This preview shows how the Hex color 061540 looks on a white background.

Color Contrast Check

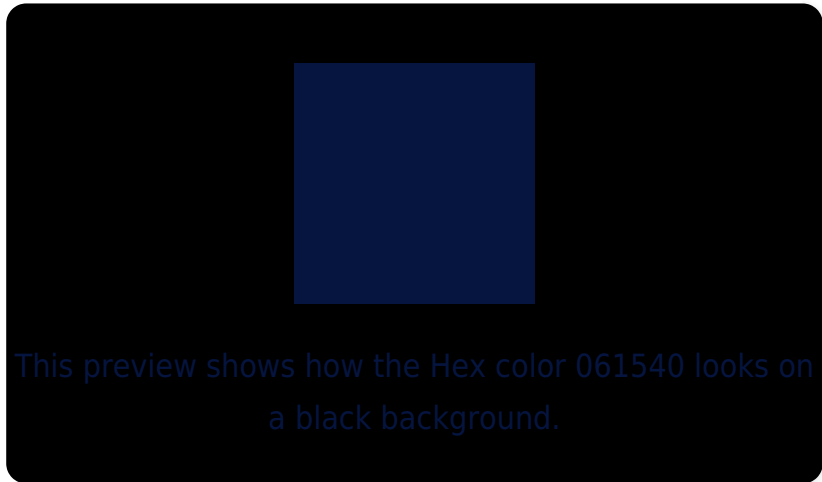
Large Text (above 18pt) WCAG AA ✓ Pass

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

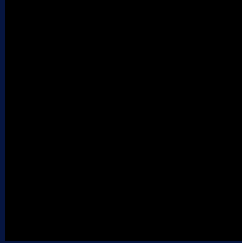
Any Text WCAG AA × Fail

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 061540 Background



This preview shows how black text looks on a background with the Hex color 061540.



This preview shows how white text looks on a background with the Hex color 061540.

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

061540

Protanopia

001934

Deuteranopia

001A2D



Tritanopia
001D1E

Trichromacy



Original Color
061540

Protanomaly
021838

Deuteranomaly
021834

Tritanomaly
021A2A

Monochromacy



Original Color
061540

Achromatopsia
151515

Achromatomaly
101525

CSS Examples

Text

The CSS property to change the color of the text to Hex 061540 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 #061540 looks like.

```
.text, #text, p{  
    color:#061540  
}
```

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 #061540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #061540
}
```

Border

The CSS property to change the border of an element to Hex 061540 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
#061540 }
```

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

```
.border{ border-color:#061540 }
```

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

Here you see how a box with a 4 pixel #061540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #061540; -webkit-box-shadow:4px 4px  
4px 4px #061540; box-shadow:4px 4px 4px  
4px #061540 }
```

Background

The CSS property to change the background color of an element to Hex 061540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#061540 }
```

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

```
.background{ background-color:#061540 }
```

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