

Converting Colors

Hex(006437)

Have a look what the booklet for
Hex(006437) contains.

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Color

Hex(006437)

Conversions

Conversions Part 1

Format	Color
Hex	006437
RGB	0, 100, 55
RGB Percent	0%, 39%, 22%
CMY	1.0000, 0.6078, 0.7843
CMYK	1.00, 0.00, 0.45, 0.61
HSL	153°, 100%, 20%
HSV	153°, 100%, 39%
XYZ	5.2468, 9.3902, 5.1504
YIQ	64.9700, -45.1550, -35.1950

Conversions

Conversions Part 2

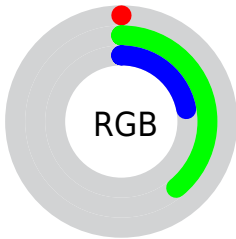
Format	Color
RYB	0, 65, 100
Decimal	25655
CIELab	36.72, -36.88, 18.57
CIELCh	37, 41.296, 153.270
Yxy	9.3902, 0.2652, 0.4746
Android (android.graphics.Color)	4278215735 (0xFF006437)
YUV	64.9700, -4.9152, -56.9787
Hunter-Lab	30.6434, -23.0632, 11.4852

Details

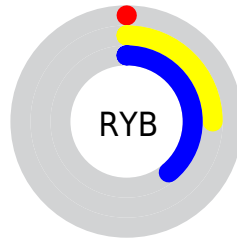
The Hex color **006437** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **64002D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **459866**, and **00340B** is the 20% darker color. If you saturate the color by 10%, you get **006437**, and if you desaturate by 10%, it is **0A643B**.

Distribution



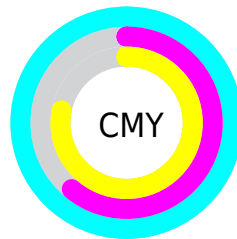
- Red (0%)
- Green (39%)
- Blue (22%)



- Red (0%)
- Yellow (25%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006437 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 006437 by changing the saturation by 10% instead.

 006437

 006437

FFFFFF

 004B21

 459866

 00340B

 60B380

 001F00

 7CCF9A

 000000

 97EBB5

 B3FFD0

 D0FFED

 EDFFFF

 006437

 0A643B

 146440

 1E6445

 286449

 32644E

 3C6452

 466457

 50645B

 5A6460

Harmonies

Analogous

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



425F1A



006437



006659

Triad

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



006437



005999



8F3C34

Complementary

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



006437



64002D

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.



923654



006437



5C4C8E

Square

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



006437



006291



813E75



7F4A19

Rectangle

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



006437



006670



813E75



92393E

Sweetspot

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



006437



5B8270



2D6400



2A4238



C2C2C2



424242

Same Dimension

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



006437



008248



005F64



2E3331



00733F



00F285

Inverse Universe

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



64002D



82003B



640500



332E30



730034



F2006D

Previews

White Background



This preview shows how the Hex color 006437 looks on a white background.

Color Contrast Check

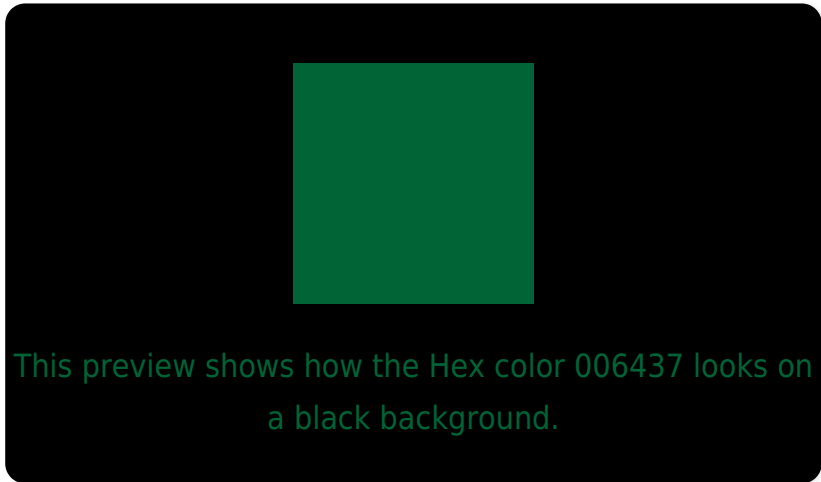
Large Text (above 18pt) WCAG AA ✓ Pass

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

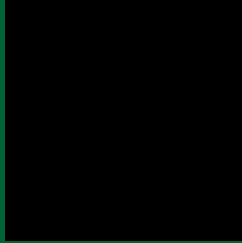
Any Text WCAG AA × Fail

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 006437 Background



This preview shows how black text looks on a background with the Hex color 006437.



This preview shows how white text looks on a background with the Hex color 006437.

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
006437

Protanopia
5F5632

Deuteranopia
67533B



Tritanopia
255F66

Trichromacy



Original Color
006437



Protanomaly
3C5B34



Deuteranomaly
42593A



Tritanomaly
186155

Monochromacy



Original Color
006437



Achromatopsia
414141



Achromatomaly
294E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 006437 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 #006437 looks like.

```
.text, #text, p{  
    color:#006437  
}
```

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 #006437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006437
}
```

Border

The CSS property to change the border of an element to Hex 006437 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
#006437 }
```

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

```
.border{ border-color:#006437 }
```

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

Here you see how a box with a 4 pixel #006437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006437; -webkit-box-shadow:4px 4px  
4px 4px #006437; box-shadow:4px 4px 4px  
4px #006437 }
```

Background

The CSS property to change the background color of an element to Hex 006437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006437 }
```

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

```
.background{ background-color:#006437 }
```

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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