

Converting Colors

Hex(016540)

Have a look what the booklet for
Hex(016540) contains.

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Color

Hex(016540)

Conversions

Conversions Part 1

Format	Color
Hex	016540
RGB	1, 101, 64
RGB Percent	0%, 40%, 25%
CMY	0.9961, 0.6039, 0.7490
CMYK	0.99, 0.00, 0.37, 0.60
HSL	158°, 98%, 20%
HSV	158°, 99%, 40%
XYZ	5.5916, 9.6840, 6.4250
YIQ	66.8820, -47.7230, -32.7070

Conversions

Conversions Part 2

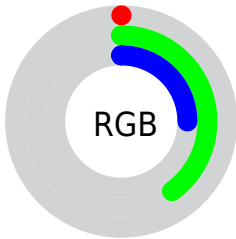
Format	Color
RYB	1, 62, 101
Decimal	91456
CIELab	37.27, -35.15, 13.98
CIELCh	37, 37.824, 158.309
Yxy	9.6840, 0.2577, 0.4463
Android (android.graphics.Color)	4278281536 (0xFF016540)
YUV	66.8820, -1.4208, -57.7785
Hunter-Lab	31.1191, -22.3848, 9.5421

Details

The Hex color **016540** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **650126**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **469970**, and **003515** is the 20% darker color. If you saturate the color by 10%, you get **006540**, and if you desaturate by 10%, it is **0B6544**.

Distribution



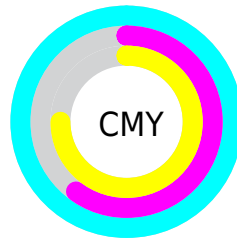
- Red (0%)
- Green (40%)
- Blue (25%)



- Red (0%)
- Yellow (24%)
- Blue (40%)



- Cyan (99%)
- Magenta (0%)
- Yellow (37%)
- Black (60%)





- Cyan (100%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 016540 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 016540 by changing the saturation by 10% instead.

 016540

 016540

FFFFFF

 004C2A

 469970

 003515

 61B489

 002100

 7CD0A4


 000000

 98ECBF

 B4FFDB

 D1FFF7

 EEEFFF

 016540

 016540

■ 006540

■ 0B6544

■ 156547

■ 1F654B

■ 29654F

■ 346553

■ 3E6556

■ 48655A

■ 52655E

■ 5C6562

Harmonies

Analogous

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



406125



016540



006760

Triad

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



016540



2B5894



8B4233

Complementary

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



016540



650126

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.



8F3C50



016540



644C88

Square

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



016540



006190



83406F



7A4E1D

Rectangle

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



016540



006674



83406F



8E3F3D

Sweetspot

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



016540



5B8274



276501



2A4239



C2C2C2



424242

Same Dimension

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



016540



008252



015965



2E3331



007348



00F299

Inverse Universe

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



650126



820030



650D01



332E30



73002A



F2005A

Previews

White Background



This preview shows how the Hex color 016540 looks on a white background.

Color Contrast Check

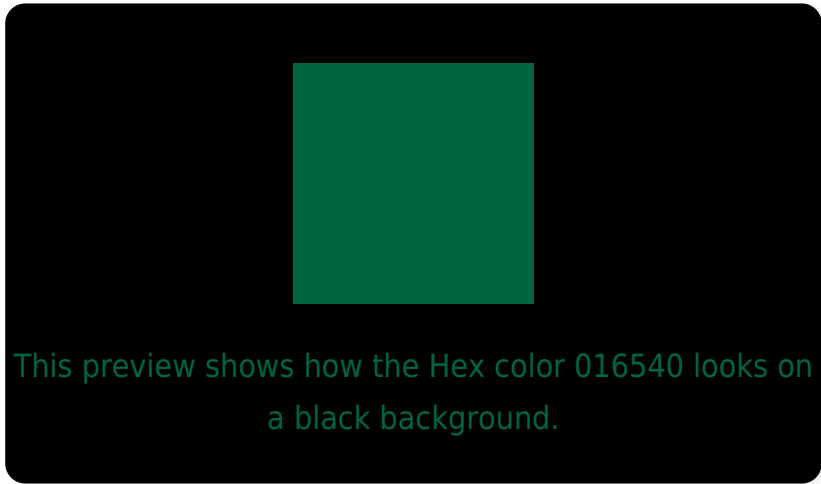
Large Text (above 18pt) WCAG AA ✓ Pass

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

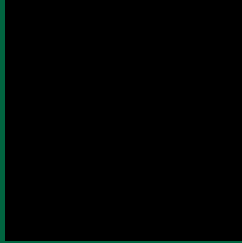
Any Text WCAG AA × Fail

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 016540 Background



This preview shows how black text looks on a background with the Hex color 016540.



This preview shows how white text looks on a background with the Hex color 016540.

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
016540

Protanopia
5F583A

Deuteranopia
675444



Tritanopia
246068

Trichromacy



Original Color
016540

Protanomaly
3D5D3C

Deuteranomaly
425A43

Tritanomaly
176259

Monochromacy



Original Color
016540

Achromatopsia
434343

Achromatomaly
2B4F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 016540 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 #016540 looks like.

```
.text, #text, p{  
    color:#016540  
}
```

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 #016540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016540
}
```

Border

The CSS property to change the border of an element to Hex 016540 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
#016540 }
```

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

```
.border{ border-color:#016540 }
```

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

Here you see how a box with a 4 pixel #016540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016540; -webkit-box-shadow:4px 4px  
4px 4px #016540; box-shadow:4px 4px 4px  
4px #016540 }
```

Background

The CSS property to change the background color of an element to Hex 016540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016540 }
```

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

```
.background{ background-color:#016540 }
```

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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