

Converting Colors

Hex(005E16)

Have a look what the booklet for
Hex(005E16) contains.

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Color

Hex(005E16)

Conversions

Conversions Part 1

Format	Color
Hex	005E16
RGB	0, 94, 22
RGB Percent	0%, 37%, 9%
CMY	1.0000, 0.6314, 0.9137
CMYK	1.00, 0.00, 0.77, 0.63
HSL	134°, 100%, 18%
HSV	134°, 100%, 37%
XYZ	4.1475, 8.0633, 2.0968
YIQ	57.6860, -32.9120, -42.3200

Conversions

Conversions Part 2

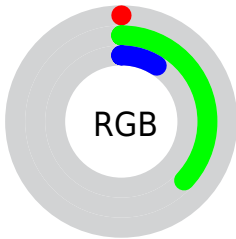
Format	Color
RYB	0, 76, 94
Decimal	24086
CIELab	34.11, -39.98, 32.80
CIELCh	34, 51.711, 140.638
Yxy	8.0633, 0.2899, 0.5636
Android (android.graphics.Color)	4278214166 (0xFF005E16)
YUV	57.6860, -17.5932, -50.5906
Hunter-Lab	28.3960, -23.6213, 15.4991

Details

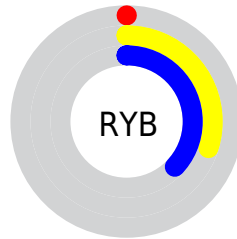
The Hex color **005E16** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5E0048**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **449146**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **005E16**, and if you desaturate by 10%, it is **095E1D**.

Distribution



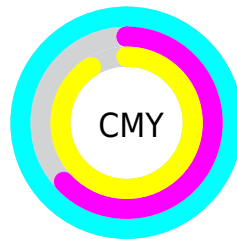
- Red (0%)
- Green (37%)
- Blue (9%)



- Red (0%)
- Yellow (30%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005E16 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 005E16 by changing the saturation by 10% instead.

 005E16

 005E16

FFFFFF

 004600

 449146

 002F00

 60AC5E

 001700

 7BC878

 000000

 96E492

 B2FFAD

 CFFFC9

 ECFFE5

 005E16

 095E1D

 135E24

 1C5E2C

 265E33

 2F5E3A

 385E41

 425E48

 4B5E50

 555E57

Harmonies

Analogous

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



475700



005E16



006242

Triad

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



005E16



0059A2



972336

Complementary

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



005E16



5E0048

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.



92225F



005E16



2D4B9E

Square

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



005E16



00608F



743685



89370E

Rectangle

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



005E16



00625E



743685



981F43

Sweetspot

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



005E16



567A5E



485E00



273D2C



BDBDBD



3D3D3D

Same Dimension

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



005E16



007A1D



005E45



292E2A



006E1A



00ED38

Inverse Universe

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



5E0048



7A005E



5E0019



2E292D



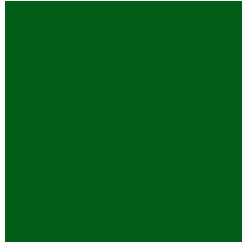
6E0054



ED00B6

Previews

White Background



This preview shows how the Hex color 005E16 looks on a white background.

Color Contrast Check

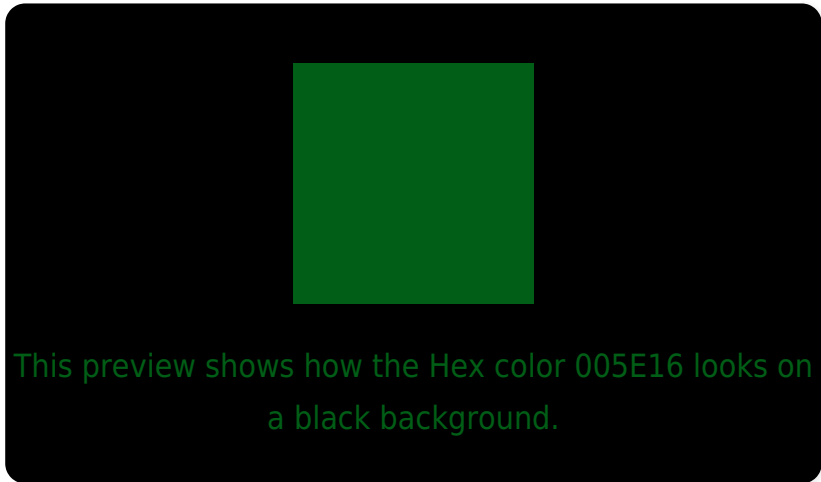
Large Text (above 18pt) WCAG AA ✓ Pass

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

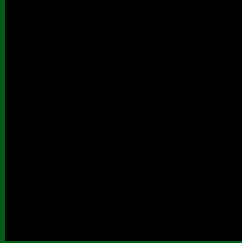
Any Text WCAG AA × Fail

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 005E16 Background



This preview shows how black text looks on a background with the Hex color 005E16.



This preview shows how white text looks on a background with the Hex color 005E16.

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](#).

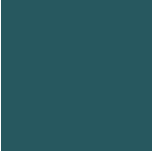
Dichromacy



Original Color
005E16

Protanopia
5A5113

Deuteranopia
644C1D



Tritanopia
27585F

Trichromacy



Original Color
00E16



Protanomaly
395614



Deuteranomaly
40531A



Tritanomaly
195A44

Monochromacy



Original Color
00E16



Achromatopsia
3A3A3A



Achromatomaly
25472D

CSS Examples

Text

The CSS property to change the color of the text to Hex 005E16 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 #005E16 looks like.

```
.text, #text, p{  
    color:#005E16  
}
```

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 #005E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005E16  
}
```

Border

The CSS property to change the border of an element to Hex 005E16 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  
#005E16 }
```

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

```
.border{ border-color:#005E16 }
```

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

Here you see how a box with a 4 pixel #005E16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005E16; -webkit-box-shadow:4px 4px  
4px 4px #005E16; box-shadow:4px 4px 4px  
4px #005E16 }
```

Background

The CSS property to change the background color of an element to Hex 005E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005E16 }
```

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

```
.background{ background-color:#005E16 }
```

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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