

Converting Colors

Hex(005A00)

Have a look what the booklet for
Hex(005A00) contains.

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Color

Hex(005A00)

Conversions

Conversions Part 1

Format	Color
Hex	005A00
RGB	0, 90, 0
RGB Percent	0%, 35%, 0%
CMY	1.0000, 0.6471, 1.0000
CMYK	1.00, 0.00, 1.00, 0.65
HSL	120°, 100%, 18%
HSV	120°, 100%, 35%
XYZ	3.6562, 7.3123, 1.2187
YIQ	52.8300, -24.7500, -47.0700

Conversions

Conversions Part 2

Format	Color
RYB	0, 90, 90
Decimal	23040
CIELab	32.51, -40.30, 38.90
CIELCh	33, 56.009, 136.016
Yxy	7.3123, 0.3000, 0.6000
Android (android.graphics.Color)	4278213120 (0xFF005A00)
YUV	52.8300, -26.0452, -46.3319
Hunter-Lab	27.0413, -23.1879, 16.2568

Details

The Hex color **005A00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5A005A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **448D36**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **005A00**, and if you desaturate by 10%, it is **095A09**.

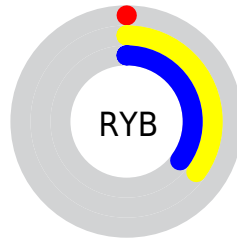
Distribution



Red (0%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (35%)

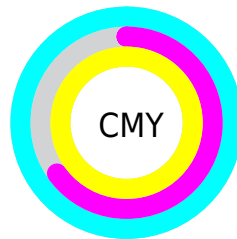


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (100%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005A00 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 005A00 by changing the saturation by 10% instead.

 005A00

 005A00

 FFFFF0

 004200

 448D36

 002B00

 5FA84E

 001000

 7AC468

 000000

 96E082

 B2FD9C

 CEFFB8

 ECFFD4

 005A00

 095A09

 125A12

 1B5A1B

 245A24

 2D5A2D

 365A36

 3F5A3F

 485A48

 515A51

Harmonies

Analogous

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



495200



005A00



005E35

Triad

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



005A00



0058A3



981037

Complementary

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



005A00



5A005A

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.



8F1563



005A00



004AA2

Square

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



005A00



005E8C



6A338B



8B2C0B

Rectangle

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



005A00



005F55



6A338B



980A46

Sweetspot

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



005A00



527552



5A5A00



263B26



BABABA



3B3B3B

Same Dimension

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



005A00



007500



005A2D



292E29



006E00



00ED00

Inverse Universe

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



5A005A



750075



5A002D



2E292E



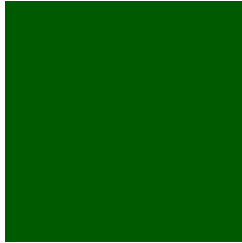
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 005A00 looks on a white background.

Color Contrast Check

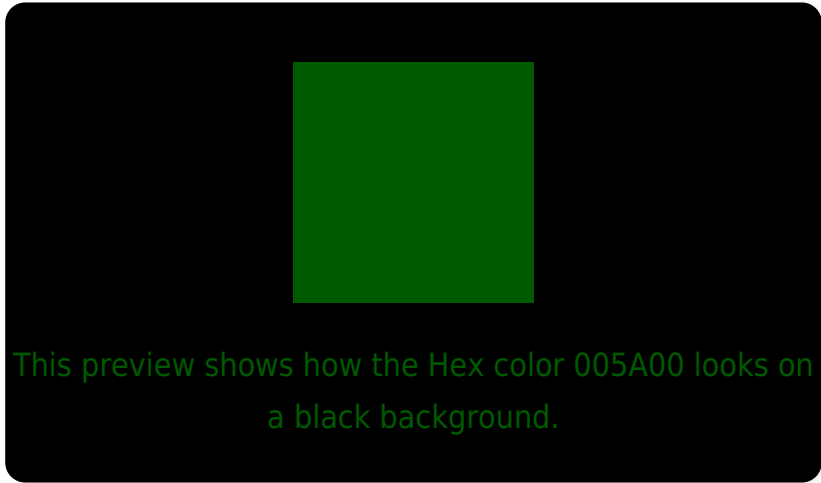
Large Text (above 18pt) WCAG AA ✓ Pass

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 005A00 Background



This preview shows how black text looks on a background with the Hex color 005A00.



This preview shows how white text looks on a background with the Hex color 005A00.

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](#).

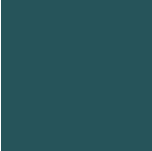
Dichromacy



Original Color
005A00

Protanopia
574D00

Deuteranopia
614914

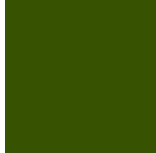


Tritanopia
26545A

Trichromacy



Original Color
005A00



Protanomaly
375200



Deuteranomaly
3E4F0D

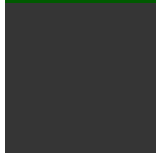


Tritanomaly
185639

Monochromacy



Original Color
005A00



Achromatopsia
353535



Achromatomaly
224222

CSS Examples

Text

The CSS property to change the color of the text to Hex 005A00 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 #005A00 looks like.

```
.text, #text, p{  
    color:#005A00  
}
```

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 #005A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005A00
}
```

Border

The CSS property to change the border of an element to Hex 005A00 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".

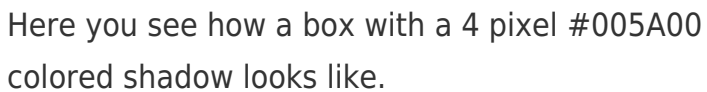
```
.border, #border, table{ border:4px solid
#005A00 }
```

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

```
.border{ border-color:#005A00 }
```

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

Here you see how a box with a 4 pixel #005A00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005A00; -webkit-box-shadow:4px 4px  
4px 4px #005A00; box-shadow:4px 4px 4px  
4px #005A00 }
```

Background

The CSS property to change the background color of an element to Hex 005A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005A00 }
```

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

```
.background{ background-color:#005A00 }
```

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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