

Converting Colors

Hex(005902)

Have a look what the booklet for
Hex(005902) contains.

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Color

Hex(005902)

Conversions

Conversions Part 1

Format	Color
Hex	005902
RGB	0, 89, 2
RGB Percent	0%, 35%, 1%
CMY	1.0000, 0.6510, 0.9922
CMYK	1.00, 0.00, 0.98, 0.65
HSL	121°, 100%, 17%
HSV	121°, 100%, 35%
XYZ	3.5833, 7.1491, 1.2485
YIQ	52.4710, -25.1170, -45.9250

Conversions

Conversions Part 2

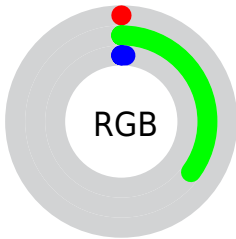
Format	Color
RYB	0, 87, 89
Decimal	22786
CIELab	32.14, -39.86, 37.91
CIELCh	32, 55.008, 136.439
Yxy	7.1491, 0.2991, 0.5967
Android (android.graphics.Color)	4278212866 (0xFF005902)
YUV	52.4710, -24.8822, -46.0171
Hunter-Lab	26.7379, -22.8692, 15.9480

Details

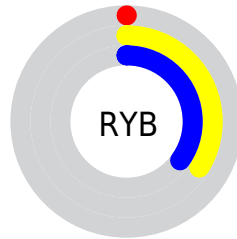
The Hex color **005902** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **590057**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **448C37**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **005902**, and if you desaturate by 10%, it is **09590B**.

Distribution



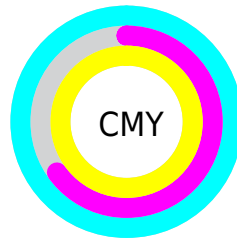
- Red (0%)
- Green (35%)
- Blue (1%)



- Red (0%)
- Yellow (34%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005902 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 005902 by changing the saturation by 10% instead.

 005902

 005902

 FFFFF1

 004100

 448C37

 002B00

 5FA750

 000E00

 7AC269

 000000

 95DF83

 B1FB9D

 CEFFB9

 EBFFD5

 005902

 09590B

 125913

 1B591C

 245925

 2D592E

 355936

 3E593F

 475948

 505950

Harmonies

Analogous

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



475100



005902



005D36

Triad

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



005902



0056A1



961236

Complementary

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



005902



590057

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.



8D1661



005902



0049A0

Square

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



005902



005D8A



6A3388



892C0B

Rectangle

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



005902



005E54



6A3388



960D44

Sweetspot

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



005902



507351



585900



263B26



BABABA



3B3B3B

Same Dimension

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



005902



007303



00592E



272B27



006B02



00EB05

Inverse Universe

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



590057



730070



59002B



2B272B



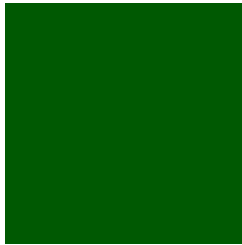
6B0069



EB00E5

Previews

White Background



This preview shows how the Hex color 005902 looks on a white background.

Color Contrast Check

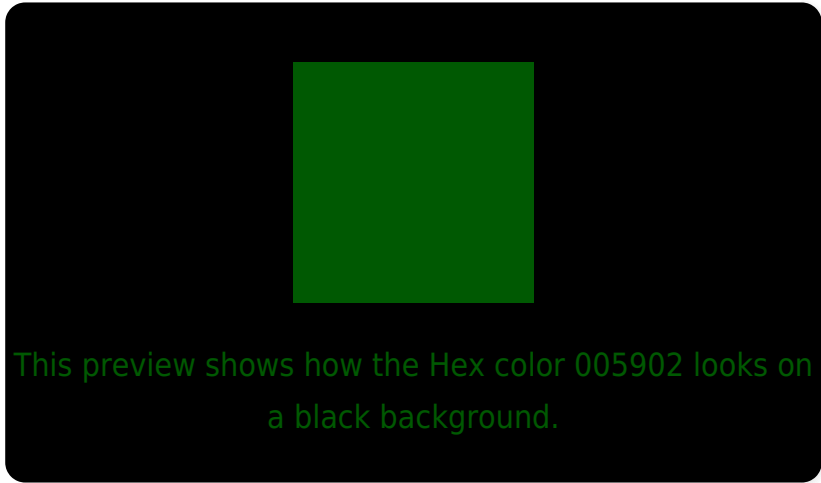
Large Text (above 18pt) WCAG AA ✓ Pass

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

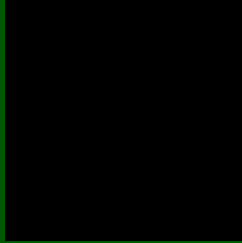
Any Text WCAG AA × Fail

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 005902 Background



This preview shows how black text looks on a background with the Hex color 005902.



This preview shows how white text looks on a background with the Hex color 005902.

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
005902

Protanopia
564C00

Deuteranopia
604813



Tritanopia
255359

Trichromacy



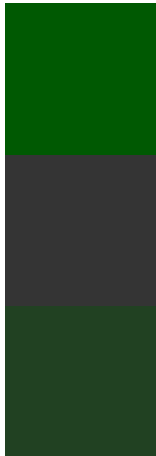
Original Color
005902

Protanomaly
375101

Deuteranomaly
3D4E0D

Tritanomaly
185539

Monochromacy



Original Color
005902

Achromatopsia
343434

Achromatomaly
214122

CSS Examples

Text

The CSS property to change the color of the text to Hex 005902 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 #005902 looks like.

```
.text, #text, p{  
    color:#005902  
}
```

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 #005902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005902
}
```

Border

The CSS property to change the border of an element to Hex 005902 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".

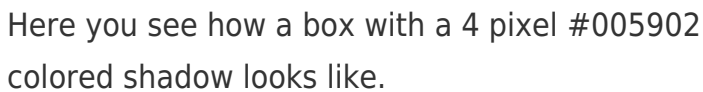
```
.border, #border, table{ border:4px solid
#005902 }
```

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

```
.border{ border-color:#005902 }
```

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

Here you see how a box with a 4 pixel #005902 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005902; -webkit-box-shadow:4px 4px  
4px 4px #005902; box-shadow:4px 4px 4px  
4px #005902 }
```

Background

The CSS property to change the background color of an element to Hex 005902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005902 }
```

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

```
.background{ background-color:#005902 }
```

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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