

Converting Colors

Hex(007425)

Have a look what the booklet for
Hex(007425) contains.

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Color

Hex(007425)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 007425 |
| RGB | 0, 116, 37 |
| RGB Percent | 0%, 45%, 15% |
| CMY | 1.0000, 0.5451, 0.8549 |
| CMYK | 1.00, 0.00, 0.68, 0.55 |
| HSL | 139°, 100%, 23% |
| HSV | 139°, 100%, 45% |
| XYZ | 6.5793, 12.6244, 3.8402 |
| YIQ | 72.3100, -43.7770, -49.1610 |

Conversions

Conversions Part 2

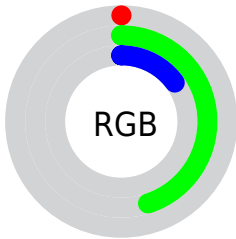
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 88, 116 |
| Decimal | 29733 |
| CIELab | 42.19, -45.53, 34.74 |
| CIELCh | 42, 57.270, 142.654 |
| Yxy | 12.6244, 0.2855, 0.5478 |
| Android (android.graphics.Color) | 4278219813 (0xFF007425) |
| YUV | 72.3100, -17.4078, -63.4159 |
| Hunter-Lab | 35.5308, -29.1256, 18.4633 |

Details

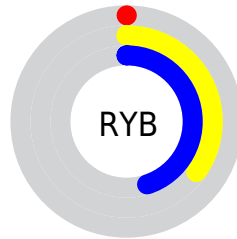
The Hex color **007425** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **74004F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4CA956**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **007425**, and if you desaturate by 10%, it is **0C742D**.

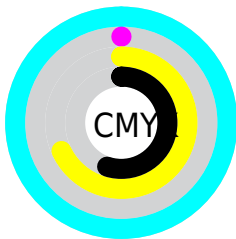
Distribution



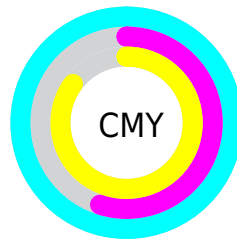
- Red (0%)
- Green (45%)
- Blue (15%)



- Red (0%)
- Yellow (35%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007425 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 007425 by changing the saturation by 10% instead.

 007425

 007425

FFFFFF

 005B0B

 4CA956

 004200

 68C56F

 002C00

 84E189

 000E00

 A0FEA4

 000000

 BDFFBF

 DAFFDB

 F7FFF8

 007425

 0C742D

 177435

 23743D

 2E7445

 3A744C

 467454

 51745C

 5D7464

 68746C

Harmonies

Analogous

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



566C00



007425



007856

Triad

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



007425



006DC2



B53342

Complementary

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



007425



74004F

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.



B13071



007425



475CBC

Square

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



007425



0076AE



90459E



A34916

Rectangle

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



007425



007977



90459E



B72F52

Sweetspot

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



007425



699678



4F7400



314D3A



CCCCCC



4D4D4D

Same Dimension

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



007425



009630



00745F



353B37



007A27



00FA50

Inverse Universe

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



74004F



960066



740015



3B3539



7A0053



FA00AA

Previews

White Background



This preview shows how the Hex color 007425 looks on a white background.

Color Contrast Check

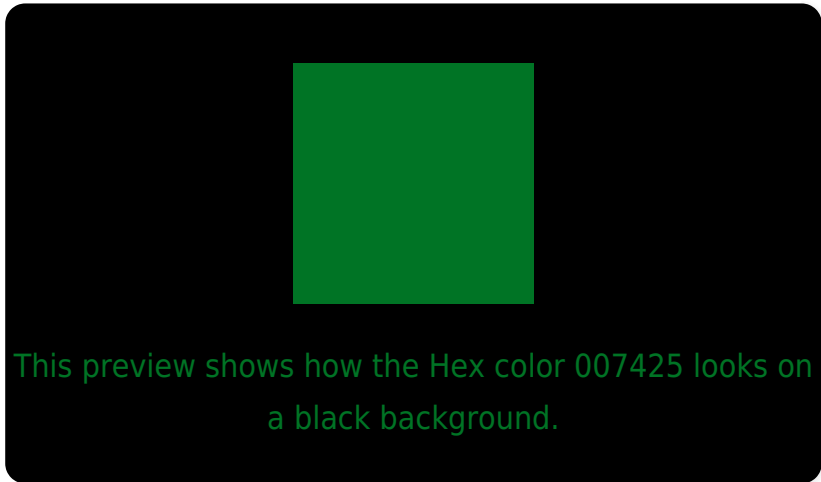
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 007425 Background



This preview shows how black text looks on a background with the Hex color 007425.



This preview shows how white text looks on a background with the Hex color 007425.

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
007425

Protanopia
6F6421

Deuteranopia
7B5F2C



Tritanopia
2F6C75

Trichromacy



Original Color
007425



Protanomaly
476A22



Deuteranomaly
4E6729



Tritanomaly
1E6F58

Monochromacy



Original Color
007425



Achromatopsia
484848



Achromatomaly
2E583B

CSS Examples

Text

The CSS property to change the color of the text to Hex 007425 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 #007425 looks like.

```
.text, #text, p{  
    color:#007425  
}
```

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 #007425 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007425
}
```

Border

The CSS property to change the border of an element to Hex 007425 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
#007425 }
```

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

```
.border{ border-color:#007425 }
```

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

Here you see how a box with a 4 pixel #007425 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007425; -webkit-box-shadow:4px 4px  
4px 4px #007425; box-shadow:4px 4px 4px  
4px #007425 }
```

Background

The CSS property to change the background color of an element to Hex 007425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007425 }
```

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

```
.background{ background-color:#007425 }
```

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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