

Converting Colors

Hex(005924)

Have a look what the booklet for
Hex(005924) contains.

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Color

Hex(005924)

Conversions

Conversions Part 1

Format	Color
Hex	005924
RGB	0, 89, 36
RGB Percent	0%, 35%, 14%
CMY	1.0000, 0.6510, 0.8588
CMYK	1.00, 0.00, 0.60, 0.65
HSL	144°, 100%, 17%
HSV	144°, 100%, 35%
XYZ	3.8908, 7.2721, 2.8677
YIQ	56.3470, -36.0310, -35.3510

Conversions

Conversions Part 2

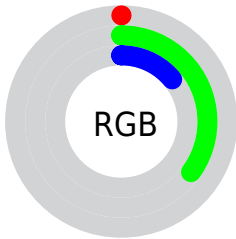
Format	Color
RYB	0, 63, 89
Decimal	22820
CIELab	32.42, -36.38, 23.98
CIELCh	32, 43.570, 146.614
Yxy	7.2721, 0.2773, 0.5183
Android (android.graphics.Color)	4278212900 (0xFF005924)
YUV	56.3470, -10.0311, -49.4163
Hunter-Lab	26.9669, -21.4379, 12.5719

Details

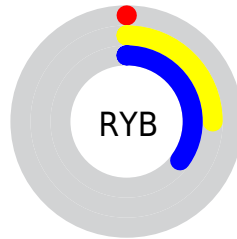
The Hex color **005924** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **590035**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **428C52**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **005924**, and if you desaturate by 10%, it is **095929**.

Distribution



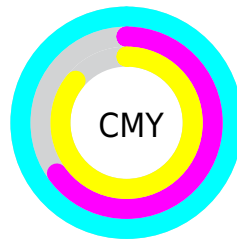
- Red (0%)
- Green (35%)
- Blue (14%)



- Red (0%)
- Yellow (25%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005924 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 005924 by changing the saturation by 10% instead.

 005924

 005924

FFFFFF

 00410E

 428C52

 002A00

 5CA76B

 001000

 77C284

 000000

 92DE9F

 AEFBBA

 CAFFD6

 E7FFF2

 005924

■ 095929

■ 12592F

■ 1B5934

■ 245939

■ 2D593F

■ 355944

■ 3E5949

■ 47594E

■ 505954

Harmonies

Analogous

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



3F5302



005924



005C47

Triad

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



005924



005291



882D30

Complementary

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



005924



590035

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.



862952



005924



43458A

Square

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



005924



005985



723573



793B11

Rectangle

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



005924



005C5F



723573



892A3B

Sweetspot

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



005924



50735E



355900



263B2E



BABABA



3B3B3B

Same Dimension

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



005924



00732E



005950



272B29



006B2B



00EB5F

Inverse Universe

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



590035



730044



590009



2B272A



6B0040



EB008C

Previews

White Background



This preview shows how the Hex color 005924 looks on a white background.

Color Contrast Check

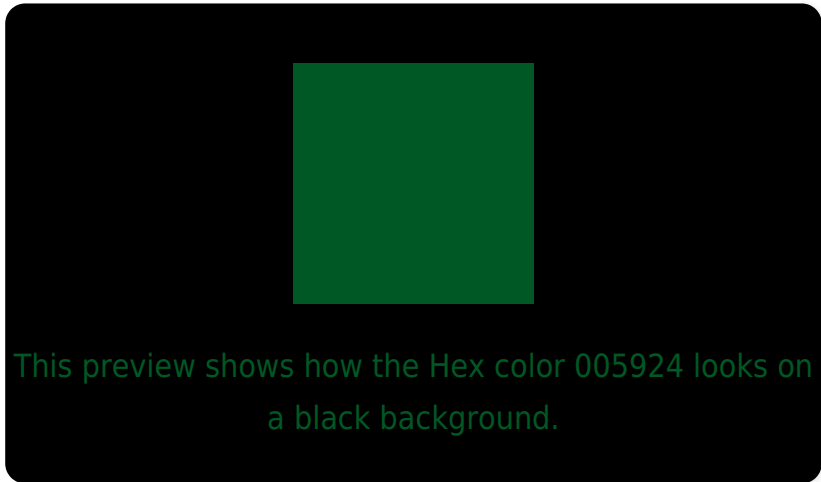
Large Text (above 18pt) WCAG AA ✓ Pass

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 005924 Background



This preview shows how black text looks on a background with the Hex color 005924.



This preview shows how white text looks on a background with the Hex color 005924.

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](#).

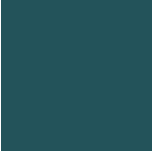
Dichromacy



Original Color
005924

Protanopia
554D20

Deuteranopia
5E4929



Tritanopia
23535A

Trichromacy



Original Color
005924

Protanomaly
365121

Deuteranomaly
3C4F27

Tritanomaly
165546

Monochromacy



Original Color
005924

Achromatopsia
383838

Achromatomaly
244431

CSS Examples

Text

The CSS property to change the color of the text to Hex 005924 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 #005924 looks like.

```
.text, #text, p{  
    color:#005924  
}
```

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 #005924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005924
}
```

Border

The CSS property to change the border of an element to Hex 005924 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
#005924 }
```

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

```
.border{ border-color:#005924 }
```

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

Here you see how a box with a 4 pixel #005924 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005924; -webkit-box-shadow:4px 4px  
4px 4px #005924; box-shadow:4px 4px 4px  
4px #005924 }
```

Background

The CSS property to change the background color of an element to Hex 005924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005924 }
```

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

```
.background{ background-color:#005924 }
```

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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