

Converting Colors

Hex(005122)

Have a look what the booklet for
Hex(005122) contains.

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Color

Hex(005122)

Conversions

Conversions Part 1

Format	Color
Hex	005122
RGB	0, 81, 34
RGB Percent	0%, 32%, 13%
CMY	1.0000, 0.6824, 0.8667
CMYK	1.00, 0.00, 0.58, 0.68
HSL	145°, 100%, 16%
HSV	145°, 100%, 32%
XYZ	3.2312, 6.0004, 2.5013
YIQ	51.4230, -33.1890, -31.7890

Conversions

Conversions Part 2

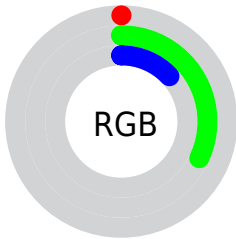
Format	Color
RYB	0, 57, 81
Decimal	20770
CIELab	29.41, -33.77, 21.44
CIELCh	29, 40.007, 147.587
Yxy	6.0004, 0.2754, 0.5114
Android (android.graphics.Color)	4278210850 (0xFF005122)
YUV	51.4230, -8.5895, -45.0980
Hunter-Lab	24.4956, -19.3218, 11.0928

Details

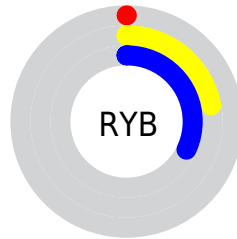
The Hex color **005122** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **51002F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **3F8350**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **005122**, and if you desaturate by 10%, it is **085127**.

Distribution



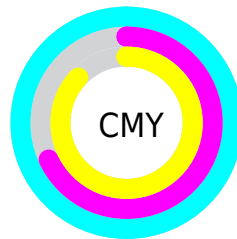
- Red (0%)
- Green (32%)
- Blue (13%)



- Red (0%)
- Yellow (22%)
- Blue (32%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (68%)



- Cyan (100%)
- Magenta (68%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005122 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 005122 by changing the saturation by 10% instead.

 005122

 005122

FFFFFF

 00390C

 3F8350

 002500

 599E68

 000000

 73B981

 8ED59C

 AAF1B7

 C6FFD2

 E2FFEF

 005122

■ 085127

■ 10512B

■ 185130

■ 205135

■ 29513A

■ 31513E

■ 395143

■ 415148

■ 49514C

Harmonies

Analogous

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



384C05



005122



005342

Triad

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



005122



004A84



7B2A2B

Complementary

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



005122



51002F

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.



7A2649



005122



3F3E7D

Square

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



005122



005179



683067



6D370F

Rectangle

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



005122



005457



683067



7D2734

Sweetspot

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



005122



496956



2F5100



22362A



B5B5B5



363636

Same Dimension

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



005122



00692C



00514A



252926



00E861

Inverse Universe

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



51002F



69003D



510007



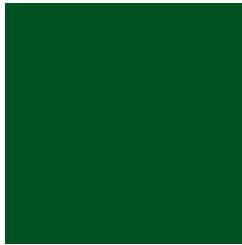
292527



E80087

Previews

White Background



This preview shows how the Hex color 005122 looks on a white background.

Color Contrast Check

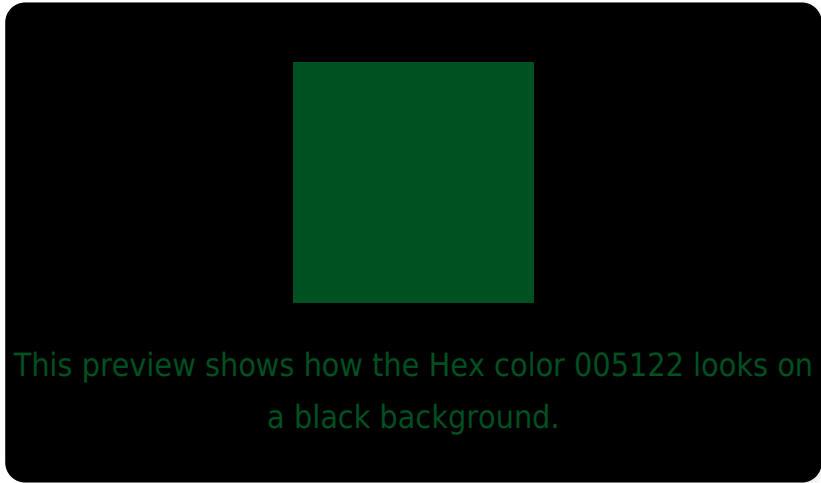
Large Text (above 18pt) WCAG AA ✓ Pass

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

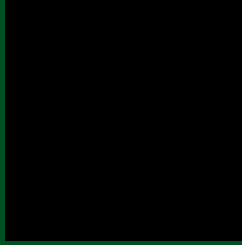
Any Text WCAG AA × Fail

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 005122 Background



This preview shows how black text looks on a background with the Hex color 005122.



This preview shows how white text looks on a background with the Hex color 005122.

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
005122

Protanopia
4D461F

Deuteranopia
554226

Trichromacy



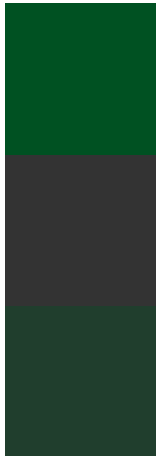
Original Color
005122

Protanomaly
314A20

Deuteranomaly
364725

Tritanomaly
144E41

Monochromacy



Original Color
005122

Achromatopsia
333333

Achromatomaly
203E2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 005122 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 #005122 looks like.

```
.text, #text, p{  
    color:#005122  
}
```

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 #005122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005122
}
```

Border

The CSS property to change the border of an element to Hex 005122 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
#005122 }
```

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

```
.border{ border-color:#005122 }
```

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

Here you see how a box with a 4 pixel #005122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005122; -webkit-box-shadow:4px 4px  
4px 4px #005122; box-shadow:4px 4px 4px  
4px #005122 }
```

Background

The CSS property to change the background color of an element to Hex 005122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005122 }
```

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

```
.background{ background-color:#005122 }
```

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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