

Converting Colors

Hex(005C22)

Have a look what the booklet for
Hex(005C22) contains.

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Color

Hex(005C22)

Conversions

Conversions Part 1

Format	Color
Hex	005C22
RGB	0, 92, 34
RGB Percent	0%, 36%, 13%
CMY	1.0000, 0.6392, 0.8667
CMYK	1.00, 0.00, 0.63, 0.64
HSL	142°, 100%, 18%
HSV	142°, 100%, 36%
XYZ	4.1159, 7.7698, 2.7962
YIQ	57.8800, -36.2140, -37.5420

Conversions

Conversions Part 2

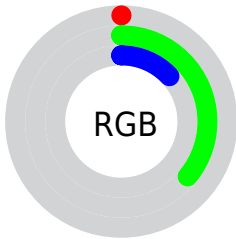
Format	Color
RYB	0, 67, 92
Decimal	23586
CIELab	33.50, -37.78, 26.34
CIELCh	33, 46.050, 145.116
Yxy	7.7698, 0.2803, 0.5292
Android (android.graphics.Color)	4278213666 (0xFF005C22)
YUV	57.8800, -11.7728, -50.7608
Hunter-Lab	27.8743, -22.4231, 13.5645

Details

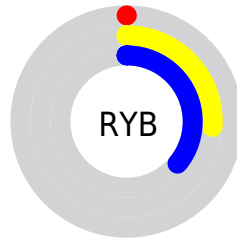
The Hex color **005C22** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C003A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **438F51**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **005C22**, and if you desaturate by 10%, it is **095C28**.

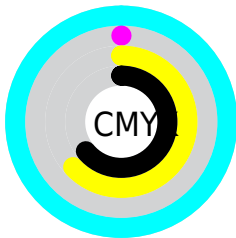
Distribution



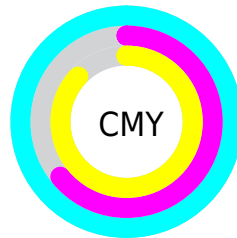
- Red (0%)
- Green (36%)
- Blue (13%)



- Red (0%)
- Yellow (26%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C22 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 005C22 by changing the saturation by 10% instead.

 005C22

 005C22

FFFFFF

 00440B

 438F51

 002D00

 5EAA69

 001500

 79C683

 000000

 94E29D

 B0FFB8

 CCFFD4

 E9FFF0

 005C22

■ 095C28

■ 125C2E

■ 1C5C33

■ 255C39

■ 2E5C3F

■ 375C45

■ 405C4B

■ 4A5C50

■ 535C56

Harmonies

Analogous

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



425600



005C22



005F47

Triad

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



005C22



005598



8E2C32

Complementary

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



005C22



5C003A

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.



8C2856



005C22



414891

Square

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



005C22



005C8A



753679



7F3C11

Rectangle

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



005C22



005F61



753679



8F293E

Sweetspot

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



005C22



547861



3A5C00



273D2F



BDBDBD



3D3D3D

Same Dimension

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



005C22



00782C



005C50



292E2B



006E29



00ED58

Inverse Universe

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



5C003A



78004C



5C000C



2E292C



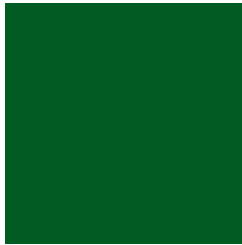
6E0045



ED0096

Previews

White Background



This preview shows how the Hex color 005C22 looks on a white background.

Color Contrast Check

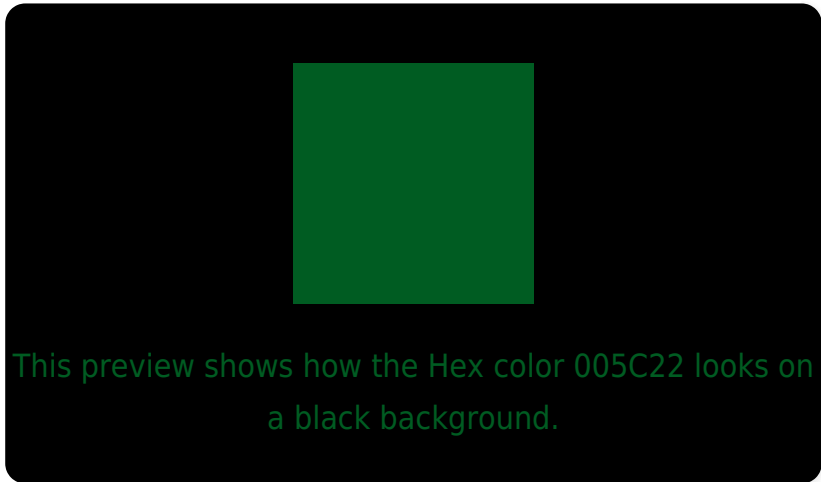
Large Text (above 18pt) WCAG AA ✓ Pass

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

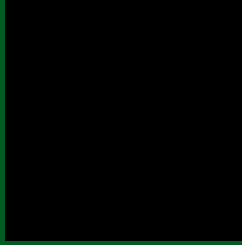
Any Text WCAG AA × Fail

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 005C22 Background



This preview shows how black text looks on a background with the Hex color 005C22.



This preview shows how white text looks on a background with the Hex color 005C22.

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](#).

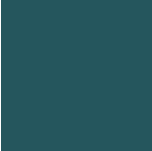
Dichromacy



Original Color
005C22

Protanopia
584F1E

Deuteranopia
614B27



Tritanopia
25565D

Trichromacy



Original Color
005C22



Protanomaly
38541F



Deuteranomaly
3E5125



Tritanomaly
185848

Monochromacy



Original Color
005C22



Achromatopsia
3A3A3A



Achromatomaly
254631

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C22 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 #005C22 looks like.

```
.text, #text, p{  
    color:#005C22  
}
```

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 #005C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C22
}
```

Border

The CSS property to change the border of an element to Hex 005C22 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
#005C22 }
```

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

```
.border{ border-color:#005C22 }
```

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

Here you see how a box with a 4 pixel #005C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C22; -webkit-box-shadow:4px 4px  
4px 4px #005C22; box-shadow:4px 4px 4px  
4px #005C22 }
```

Background

The CSS property to change the background color of an element to Hex 005C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C22 }
```

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

```
.background{ background-color:#005C22 }
```

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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