

# Converting Colors

Hex(005C25)

Have a look what the booklet for  
Hex(005C25) contains.

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**Color**

**Hex(005C25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005C25
RGB	0, 92, 37
RGB Percent	0%, 36%, 15%
CMY	1.0000, 0.6392, 0.8549
CMYK	1.00, 0.00, 0.60, 0.64
HSL	144°, 100%, 18%
HSV	144°, 100%, 36%
XYZ	4.1611, 7.7879, 3.0342
YIQ	58.2220, -37.1770, -36.6090

# Conversions

## Conversions Part 2

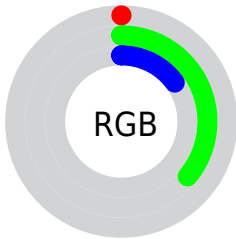
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 92
Decimal	23589
CIELab	33.54, -37.30, 24.77
CIELCh	34, 44.778, 146.409
Yxy	7.7879, 0.2777, 0.5198
Android (android.graphics.Color)	4278213669 (0xFF005C25)
YUV	58.2220, -10.4624, -51.0607
Hunter-Lab	27.9067, -22.2213, 13.0884

# Details

The Hex color **005C25** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C0037**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **438F53**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **005C25**, and if you desaturate by 10%, it is **095C2B**.

# Distribution



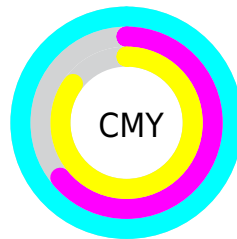
- Red (0%)
- Green (36%)
- Blue (15%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005C25 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 005C25 by changing the saturation by 10% instead.



 005C25

 005C25

FFFFFF

 00440F

 438F53

 002D00

 5EAA6C

 001500

 79C686

 000000

 94E2A0

 B0FFBB

 CCFFD7

 E9FFF4

 005C25

 095C2B

 125C30

 1C5C36

 255C3B

 2E5C41

 375C46

 405C4C

 4A5C51

 535C57

# Harmonies

## Analogous

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



415602



005C25



005F49

# Triad

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



005C25



005496



8C2E32

# Complementary

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



005C25



5C0037

# 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.



8B2A55



005C25



45478F

# Square

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



005C25



005C8A



753677



7D3D12

# Rectangle

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



005C25



005F62



753677



8E2B3D



# Sweetspot

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



005C25



547862



375C00



273D30



BDBDBD



3D3D3D



# Same Dimension

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



005C25



007830



005C53



292E2B



006E2C



00ED5F



# Inverse Universe

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



5C0037



780048



5C0009



2E292C



6E0042



ED008E



# Previews

## White Background



This preview shows how the Hex color 005C25 looks on a white background.

## Color Contrast Check

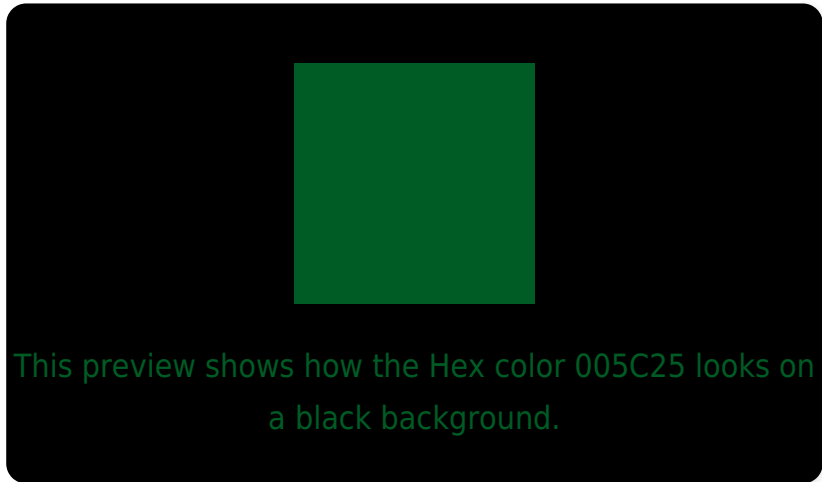
Large Text (above 18pt) WCAG AA ✓ Pass

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

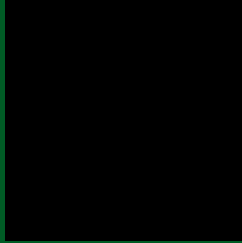
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 005C25 Background



This preview shows how black text looks on a background with the Hex color 005C25.



This preview shows how white text looks on a background with the Hex color 005C25.

# 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](#).

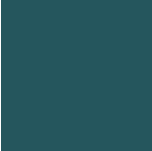
## Dichromacy



**Original Color**  
005C25

**Protanopia**  
584F21

**Deuteranopia**  
614B2A



**Tritanopia**  
25565D

# Trichromacy



**Original Color**  
005C25



**Protanomaly**  
385422



**Deuteranomaly**  
3E5128

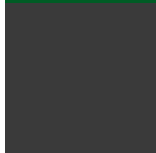


**Tritanomaly**  
185849

# Monochromacy



**Original Color**  
005C25



**Achromatopsia**  
3A3A3A



**Achromatomaly**  
254632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005C25 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 #005C25 looks like.

```
.text, #text, p{  
    color:#005C25  
}
```

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 #005C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C25
}
```

## Border

The CSS property to change the border of an element to Hex 005C25 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
#005C25 }
```

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

```
.border{ border-color:#005C25 }
```

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

Here you see how a box with a 4 pixel #005C25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C25; -webkit-box-shadow:4px 4px  
4px 4px #005C25; box-shadow:4px 4px 4px  
4px #005C25 }
```

# Background

The CSS property to change the background color of an element to Hex 005C25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C25 }
```

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

```
.background{ background-color:#005C25 }
```

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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