

# Converting Colors

Hex(005C10)

Have a look what the booklet for  
Hex(005C10) contains.

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**Color**

**Hex(005C10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005C10
RGB	0, 92, 16
RGB Percent	0%, 36%, 6%
CMY	1.0000, 0.6392, 0.9373
CMYK	1.00, 0.00, 0.83, 0.64
HSL	130°, 100%, 18%
HSV	130°, 100%, 36%
XYZ	3.9207, 7.6917, 1.7682
YIQ	55.8280, -30.4360, -43.1400

# Conversions

## Conversions Part 2

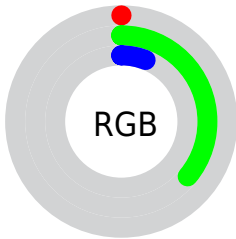
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 92
Decimal	23568
CIELab	33.33, -39.88, 34.41
CIELCh	33, 52.672, 139.212
Yxy	7.6917, 0.2930, 0.5748
Android (android.graphics.Color)	4278213648 (0xFF005C10)
YUV	55.8280, -19.6352, -48.9612
Hunter-Lab	27.7339, -23.3003, 15.6336

# Details

The Hex color **005C10** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5C004C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **448F41**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **005C10**, and if you desaturate by 10%, it is **095C18**.

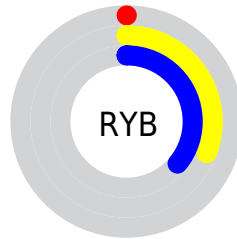
# Distribution



Red (0%)

Green (36%)

Blue (6%)



Red (0%)

Yellow (31%)

Blue (36%)

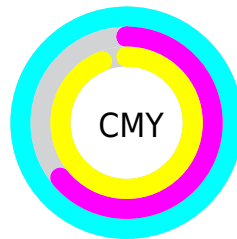


Cyan (100%)

Magenta (0%)

Yellow (83%)

Black (64%)



Cyan (100%)

Magenta (64%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005C10 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 005C10 by changing the saturation by 10% instead.



 005C10

 005C10

FFFFFFC

 004400

 448F41

 002D00

 5FAA59

 001400

 7AC673

 000000

 96E28D

 B2FFA8

 CEFFC3

 EBFFDF

 005C10

 095C18

 125C1F

 1C5C27

 255C2E

 2E5C36

 375C3E

 405C45

 4A5C4D

 535C54

# Harmonies

## Analogous

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



475400



005C10



00603D

# Triad

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



005C10



0058A1



961E36

# Complementary

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



005C10



5C004C

# 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.



901E5F



005C10



214A9E

# Square

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



005C10



005F8D



703585



88330D

# Rectangle

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



005C10



00615B



703585



971A43



# Sweetspot

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



005C10



54785A



4D5C00



273D2B



BDBDBD



3D3D3D



# Same Dimension

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



005C10



007815



005C3D



292E2A



006E13



00ED29



# Inverse Universe

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



5C004C



780063



5C001F



2E292D



6E005B

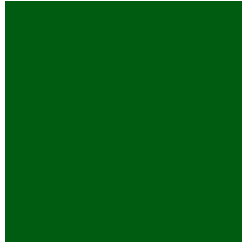


ED00C4



# Previews

## White Background



This preview shows how the Hex color 005C10 looks on a white background.

## Color Contrast Check

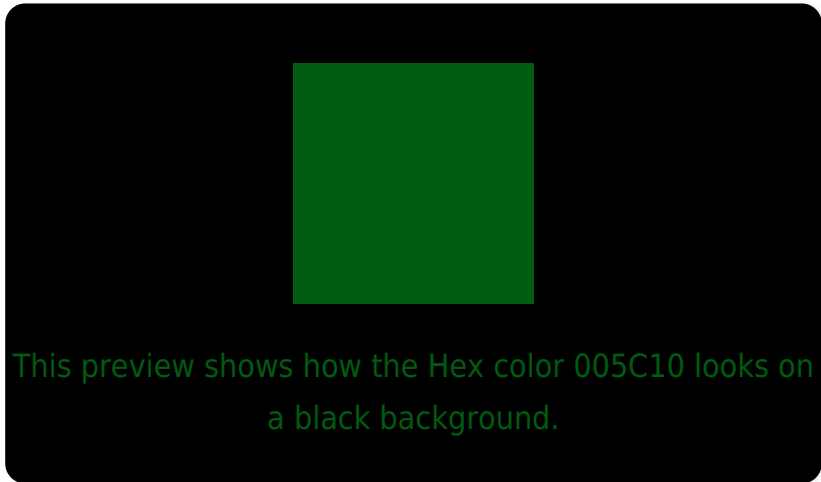
Large Text (above 18pt) WCAG AA ✓ Pass

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

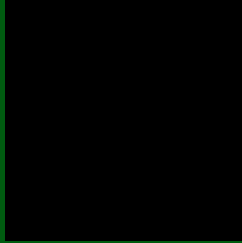
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005C10 Background



This preview shows how black text looks on a background with the Hex color 005C10.



This preview shows how white text looks on a background with the Hex color 005C10.

# 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**  
005C10

**Protanopia**  
594F0C

**Deuteranopia**  
624B19



# Trichromacy



**Original Color**  
005C10



**Protanomaly**  
39540D



**Deuteranomaly**  
3E5116

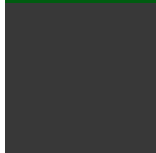


**Tritanomaly**  
185841

# Monochromacy



**Original Color**  
005C10



**Achromatopsia**  
383838



**Achromatomaly**  
244529

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005C10 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 #005C10 looks like.

```
.text, #text, p{  
    color:#005C10  
}
```

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 #005C10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C10
}
```

## Border

The CSS property to change the border of an element to Hex 005C10 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
#005C10 }
```

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

```
.border{ border-color:#005C10 }
```

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

Here you see how a box with a 4 pixel #005C10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C10; -webkit-box-shadow:4px 4px  
4px 4px #005C10; box-shadow:4px 4px 4px  
4px #005C10 }
```

# Background

The CSS property to change the background color of an element to Hex 005C10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C10 }
```

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

```
.background{ background-color:#005C10 }
```

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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