

# Converting Colors

Hex(005D1C)

Have a look what the booklet for  
Hex(005D1C) contains.

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# Color

**Hex(005D1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005D1C
RGB	0, 93, 28
RGB Percent	0%, 36%, 11%
CMY	1.0000, 0.6353, 0.8902
CMYK	1.00, 0.00, 0.70, 0.64
HSL	138°, 100%, 18%
HSV	138°, 100%, 36%
XYZ	4.1240, 7.9125, 2.4085
YIQ	57.7830, -34.5630, -39.9310

# Conversions

## Conversions Part 2

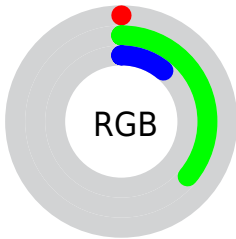
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 71, 93
Decimal	23836
CIELab	33.80, -38.96, 29.72
CIElCh	34, 49.001, 142.663
Yxy	7.9125, 0.2855, 0.5478
Android (android.graphics.Color)	4278213916 (0xFF005D1C)
YUV	57.7830, -14.6830, -50.6757
Hunter-Lab	28.1292, -23.0568, 14.6138

# Details

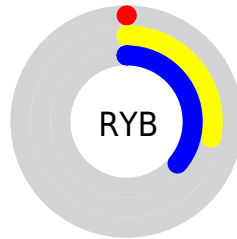
The Hex color **005D1C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5D0041**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **44904B**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **005D1C**, and if you desaturate by 10%, it is **095D23**.

# Distribution



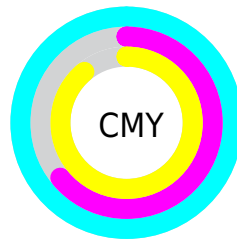
- Red (0%)
- Green (36%)
- Blue (11%)



- Red (0%)
- Yellow (28%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005D1C 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 005D1C by changing the saturation by 10% instead.



 005D1C

 005D1C

FFFFFF

 004504

 44904B

 002E00

 5FAB64

 001600

 7AC77D

 000000

 95E397

 B1FFB2

 CDFFCE

 EAFFEA

 005D1C

 095D23

 135D29

 1C5D30

 255D36

 2F5D3D

 385D43

 415D4A

 4A5D50

 545D57

# Harmonies

## Analogous

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



455600



005D1C



006044

# Triad

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



005D1C



00579D



932834

# Complementary

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



005D1C



5D0041

# 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.



8F255B



005D1C



384998

# Square

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



005D1C



005E8D



74367F



84390F

# Rectangle

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



005D1C



00615F



74367F



942441



# Sweetspot

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



005D1C



54785F



415D00



273D2E



BDBDBD



3D3D3D



# Same Dimension

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



005D1C



007824



005D4A



292E2B



006E21



00ED47



# Inverse Universe

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



5D0041



780054



5D0013



2E292D



6E004D



ED00A6



# Previews

## White Background



This preview shows how the Hex color 005D1C looks on a white background.

## Color Contrast Check

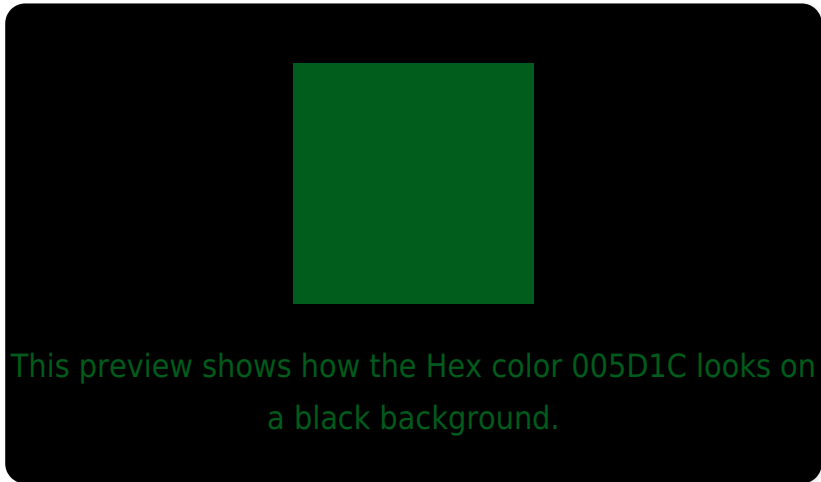
Large Text (above 18pt) WCAG AA ✓ Pass

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 005D1C Background



This preview shows how black text looks on a background with the Hex color 005D1C.



This preview shows how white text looks on a background with the Hex color 005D1C.

# 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**  
005D1C

**Protanopia**  
595019

**Deuteranopia**  
634C22



# Trichromacy



**Original Color**  
005D1C



**Protanomaly**  
39551A



**Deuteranomaly**  
3F5220



**Tritanomaly**  
185946

# Monochromacy



**Original Color**  
005D1C



**Achromatopsia**  
3A3A3A



**Achromatomaly**  
25472F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005D1C 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 #005D1C looks like.

```
.text, #text, p{  
    color:#005D1C  
}
```

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 #005D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D1C
}
```

## Border

The CSS property to change the border of an element to Hex 005D1C 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
#005D1C }
```

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

```
.border{ border-color:#005D1C }
```

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

Here you see how a box with a 4 pixel #005D1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D1C; -webkit-box-shadow:4px 4px  
4px 4px #005D1C; box-shadow:4px 4px 4px  
4px #005D1C }
```

# Background

The CSS property to change the background color of an element to Hex 005D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D1C }
```

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

```
.background{ background-color:#005D1C }
```

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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