

Converting Colors

Hex(005C19)

Have a look what the booklet for
Hex(005C19) contains.

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Color

Hex(005C19)

Conversions

Conversions Part 1

Format	Color
Hex	005C19
RGB	0, 92, 25
RGB Percent	0%, 36%, 10%
CMY	1.0000, 0.6392, 0.9020
CMYK	1.00, 0.00, 0.73, 0.64
HSL	136°, 100%, 18%
HSV	136°, 100%, 36%
XYZ	4.0026, 7.7245, 2.1997
YIQ	56.8540, -33.3250, -40.3410

Conversions

Conversions Part 2

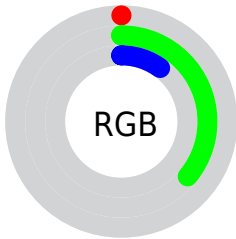
Format	Color
RYB	0, 72, 92
Decimal	23577
CIELab	33.40, -38.99, 30.71
CIELCh	33, 49.626, 141.776
Yxy	7.7245, 0.2874, 0.5546
Android (android.graphics.Color)	4278213657 (0xFF005C19)
YUV	56.8540, -15.7040, -49.8610
Hunter-Lab	27.7929, -22.9309, 14.7625

Details

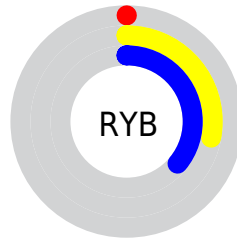
The Hex color **005C19** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C0043**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **438F48**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **005C19**, and if you desaturate by 10%, it is **095C20**.

Distribution



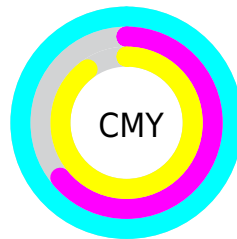
- Red (0%)
- Green (36%)
- Blue (10%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C19 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 005C19 by changing the saturation by 10% instead.

 005C19

 005C19

FFFFFF

 004400

 438F48

 002D00

 5EAA61

 001400

 79C67A

 000000

 95E294

 B1FFAF

 CDFFCB

 EAF FE7

 005C19

 095C20

 125C26

 1C5C2D

 255C34

 2E5C3B

 375C41

 405C48

 4A5C4F

 535C55

Harmonies

Analogous

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



445500



005C19



005F42

Triad

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



005C19



00579D



922534

Complementary

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



005C19



5C0043

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.



8E235B



005C19



334998

Square

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



005C19



005E8C



723580



84380E

Rectangle

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



005C19



00605D



723580



932141

Sweetspot

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



005C19



54785E



435C00



273D2D



BDBDBD



3D3D3D

Same Dimension

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



005C19



007821



005C47



292E2B



006E1E



00ED40

Inverse Universe

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



5C0043



780057



5C0015



2E292D



6E0050



ED00AD

Previews

White Background



This preview shows how the Hex color 005C19 looks on a white background.

Color Contrast Check

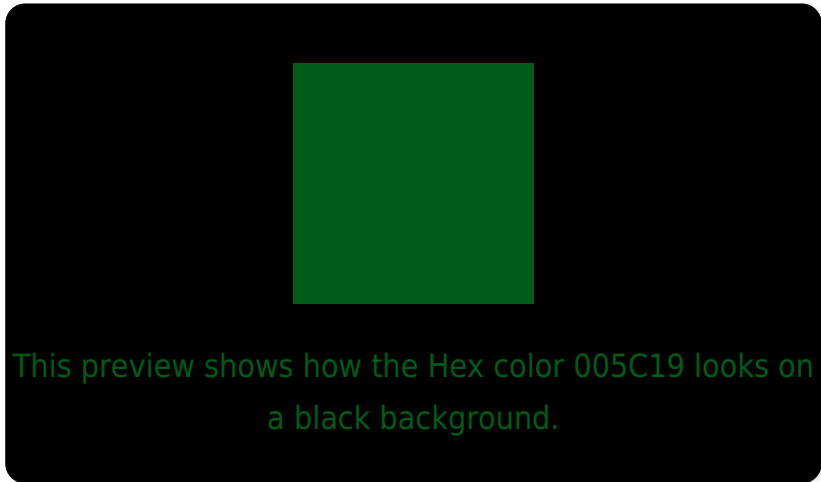
Large Text (above 18pt) WCAG AA ✓ Pass

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 005C19 Background



This preview shows how black text looks on a background with the Hex color 005C19.



This preview shows how white text looks on a background with the Hex color 005C19.

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
005C19

Protanopia
584F16

Deuteranopia
624B1F

Trichromacy



Original Color
005C19



Protanomaly
385417



Deuteranomaly
3E511D

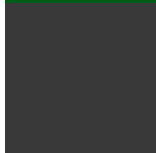


Tritanomaly
185844

Monochromacy



Original Color
005C19



Achromatopsia
393939



Achromatomaly
24462D

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C19 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 #005C19 looks like.

```
.text, #text, p{  
    color:#005C19  
}
```

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 #005C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C19
}
```

Border

The CSS property to change the border of an element to Hex 005C19 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
#005C19 }
```

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

```
.border{ border-color:#005C19 }
```

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

Here you see how a box with a 4 pixel #005C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C19; -webkit-box-shadow:4px 4px  
4px 4px #005C19; box-shadow:4px 4px 4px  
4px #005C19 }
```

Background

The CSS property to change the background color of an element to Hex 005C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C19 }
```

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

```
.background{ background-color:#005C19 }
```

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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