

Converting Colors

Hex(005B18)

Have a look what the booklet for
Hex(005B18) contains.

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Color

Hex(005B18)

Conversions

Conversions Part 1

Format	Color
Hex	005B18
RGB	0, 91, 24
RGB Percent	0%, 36%, 9%
CMY	1.0000, 0.6431, 0.9059
CMYK	1.00, 0.00, 0.74, 0.64
HSL	136°, 100%, 18%
HSV	136°, 100%, 36%
XYZ	3.9060, 7.5481, 2.1152
YIQ	56.1530, -32.7290, -40.1290

Conversions

Conversions Part 2

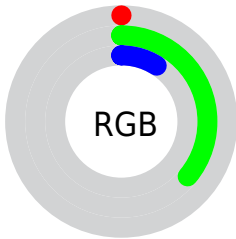
Format	Color
RYB	0, 72, 91
Decimal	23320
CIELab	33.02, -38.76, 30.76
CIELCh	33, 49.485, 141.569
Yxy	7.5481, 0.2879, 0.5563
Android (android.graphics.Color)	4278213400 (0xFF005B18)
YUV	56.1530, -15.8514, -49.2462
Hunter-Lab	27.4738, -22.7019, 14.6669

Details

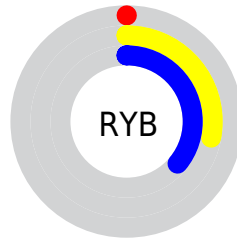
The Hex color **005B18** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5B0043**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **438E47**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **005B18**, and if you desaturate by 10%, it is **095B1F**.

Distribution



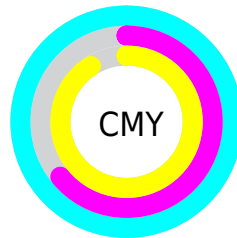
- Red (0%)
- Green (36%)
- Blue (9%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005B18 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 005B18 by changing the saturation by 10% instead.

 005B18

 005B18

FFFFFF

 004300

 438E47

 002C00

 5EA960

 001300

 79C579

 000000

 94E193

 B0FEAE

 CDFFCA

 EAFFE6

 005B18

 095B1F

 125B25

 1B5B2C

 245B33

 2E5B3A

 375B40

 405B47

 495B4E

 525B54

Harmonies

Analogous

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



445400



005B18



005E41

Triad

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



005B18



00569C



912434

Complementary

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



005B18



5B0043

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.



8D225A



005B18



314897

Square

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



005B18



005D8B



71357F



83370E

Rectangle

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



005B18



005F5C



71357F



922040

Sweetspot

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



005B18



52755B



445B00



263B2B



BABABA



3B3B3B

Same Dimension

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



005B18



00751F



005B44



292E2B



006E1D



00ED3F

Inverse Universe

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



5B0043



750056



5B0017



2E292D



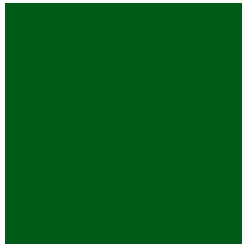
6E0051



ED00AF

Previews

White Background



This preview shows how the Hex color 005B18 looks on a white background.

Color Contrast Check

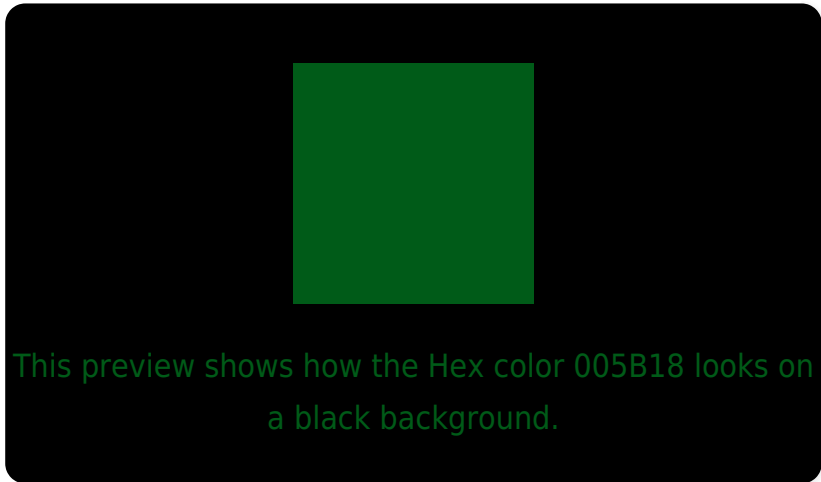
Large Text (above 18pt) WCAG AA ✓ Pass

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 005B18 Background



This preview shows how black text looks on a background with the Hex color 005B18.



This preview shows how white text looks on a background with the Hex color 005B18.

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](#).

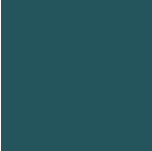
Dichromacy



Original Color
005B18

Protanopia
574E15

Deuteranopia
614A1F



Tritanopia
25555C

Trichromacy



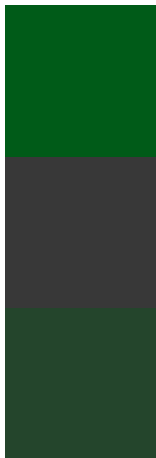
Original Color
005B18

Protanomaly
375316

Deuteranomaly
3E501C

Tritanomaly
185743

Monochromacy



Original Color
005B18

Achromatopsia
383838

Achromatomaly
24452C

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B18 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 #005B18 looks like.

```
.text, #text, p{  
    color:#005B18  
}
```

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 #005B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B18
}
```

Border

The CSS property to change the border of an element to Hex 005B18 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
#005B18 }
```

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

```
.border{ border-color:#005B18 }
```

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

Here you see how a box with a 4 pixel #005B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B18; -webkit-box-shadow:4px 4px  
4px 4px #005B18; box-shadow:4px 4px 4px  
4px #005B18 }
```

Background

The CSS property to change the background color of an element to Hex 005B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B18 }
```

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

```
.background{ background-color:#005B18 }
```

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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