

Converting Colors

Hex(005B2C)

Have a look what the booklet for
Hex(005B2C) contains.

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Color

Hex(005B2C)

Conversions

Conversions Part 1

Format	Color
Hex	005B2C
RGB	0, 91, 44
RGB Percent	0%, 36%, 17%
CMY	1.0000, 0.6431, 0.8275
CMYK	1.00, 0.00, 0.52, 0.64
HSL	149°, 100%, 18%
HSV	149°, 100%, 36%
XYZ	4.1957, 7.6640, 3.6410
YIQ	58.4330, -39.1490, -33.9090

Conversions

Conversions Part 2

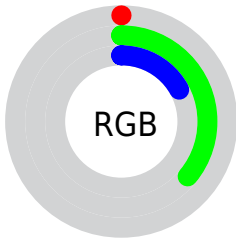
Format	Color
RYB	0, 61, 91
Decimal	23340
CIELab	33.27, -35.68, 20.52
CIELCh	33, 41.155, 150.094
Yxy	7.6640, 0.2707, 0.4944
Android (android.graphics.Color)	4278213420 (0xFF005B2C)
YUV	58.4330, -7.1155, -51.2457
Hunter-Lab	27.6840, -21.3940, 11.5809

Details

The Hex color **005B2C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5B002F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **428E5B**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **005B2C**, and if you desaturate by 10%, it is **095B31**.

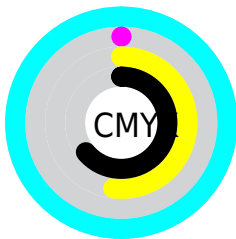
Distribution



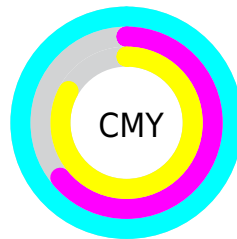
- Red (0%)
- Green (36%)
- Blue (17%)



- Red (0%)
- Yellow (24%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005B2C 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 005B2C by changing the saturation by 10% instead.

 005B2C

 005B2C

FFFFFF

 004316

 428E5B

 002C00

 5DA973

 001400

 78C48D

 000000

 93E1A8

 AFFEC3

 CBFFDF

 E8FFFC

 005B2C

 095B31

 125B35

 1B5B3A

 245B3F

 2E5B44

 375B48

 405B4D

 495B52

 525B56

Harmonies

Analogous

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



3E560F



005B2C



005D4D

Triad

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



005B2C



005290



863330

Complementary

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



005B2C



5B002F

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.



872E50



005B2C



4D4687

Square

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



005B2C



005A86



75376F



774014

Rectangle

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



005B2C



005D64



75376F



88303A

Sweetspot

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



005B2C



527563



2F5B00



263B30



BABABA



3B3B3B

Same Dimension

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



005B2C



007539



005B59



292E2C



006E35



00ED73

Inverse Universe

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



5B002F



75003D



5B0002



2E292C



6E0039



ED007A

Previews

White Background



This preview shows how the Hex color 005B2C looks on a white background.

Color Contrast Check

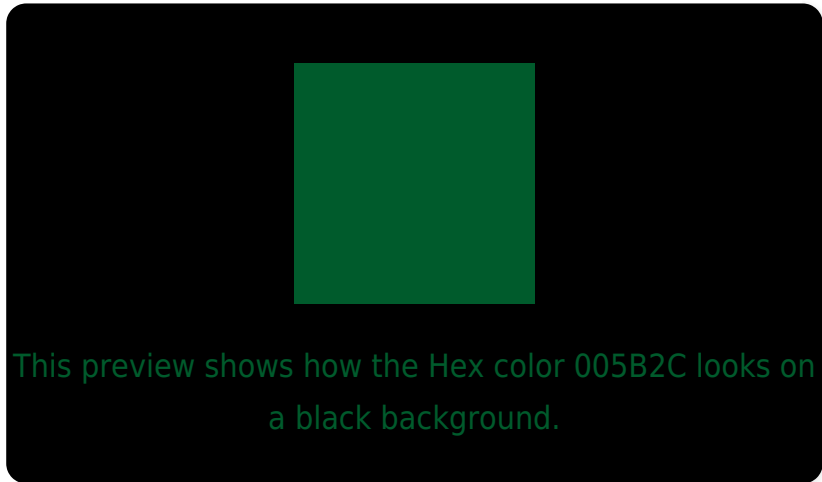
Large Text (above 18pt) WCAG AA ✓ Pass

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 005B2C Background



This preview shows how black text looks on a background with the Hex color 005B2C.

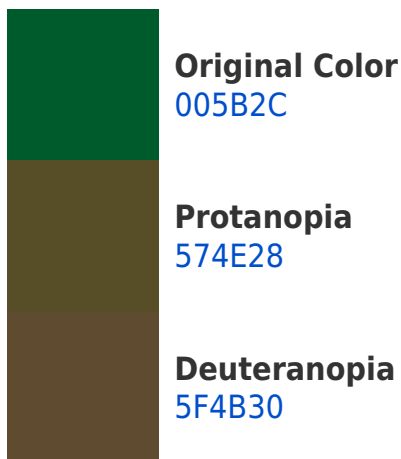


This preview shows how white text looks on a background with the Hex color 005B2C.

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



Trichromacy



Original Color
005B2C



Protanomaly
375329



Deuteranomaly
3C512F



Tritanomaly
16584B

Monochromacy



Original Color
005B2C



Achromatopsia
3A3A3A



Achromatomaly
254635

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B2C 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 #005B2C looks like.

```
.text, #text, p{  
    color:#005B2C  
}
```

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 #005B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B2C
}
```

Border

The CSS property to change the border of an element to Hex 005B2C 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
#005B2C }
```

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

```
.border{ border-color:#005B2C }
```

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

Here you see how a box with a 4 pixel #005B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B2C; -webkit-box-shadow:4px 4px  
4px 4px #005B2C; box-shadow:4px 4px 4px  
4px #005B2C }
```

Background

The CSS property to change the background color of an element to Hex 005B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B2C }
```

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

```
.background{ background-color:#005B2C }
```

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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