

Converting Colors

Hex(005B4C)

Have a look what the booklet for
Hex(005B4C) contains.

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Color

Hex(005B4C)

Conversions

Conversions Part 1

Format	Color
Hex	005B4C
RGB	0, 91, 76
RGB Percent	0%, 36%, 30%
CMY	1.0000, 0.6431, 0.7020
CMYK	1.00, 0.00, 0.16, 0.64
HSL	170°, 100%, 18%
HSV	170°, 100%, 36%
XYZ	5.0456, 8.0040, 8.1165
YIQ	62.0810, -49.4210, -23.9570

Conversions

Conversions Part 2

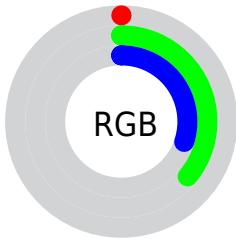
Format	Color
RYB	0, 50, 91
Decimal	23372
CIELab	33.99, -27.56, 2.02
CIELCh	34, 27.638, 175.809
Yxy	8.0040, 0.2384, 0.3782
Android (android.graphics.Color)	4278213452 (0xFF005B4C)
YUV	62.0810, 6.8621, -54.4450
Hunter-Lab	28.2913, -17.6753, 2.7942

Details

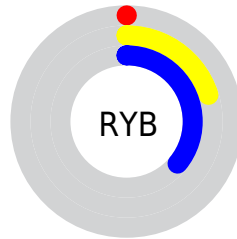
The Hex color **005B4C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5B000F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **438E7D**, and **002C20** is the 20% darker color. If you saturate the color by 10%, you get **005B4C**, and if you desaturate by 10%, it is **095B4D**.

Distribution



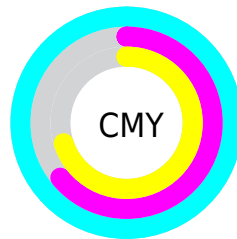
- Red (0%)
- Green (36%)
- Blue (30%)



- Red (0%)
- Yellow (20%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005B4C 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 005B4C by changing the saturation by 10% instead.

 005B4C

 005B4C

FFFFFF

 004335

 438E7D

 002C20

 5EA897

 001709

 79C4B1

 000000

 94E0CD

 B0FDE9

 CDFFFF

 EAFFFF

 005B4C

■ 095B4D

■ 125B4F

■ 1B5B50

■ 245B52

■ 2E5B53

■ 375B55

■ 405B57

■ 495B58

■ 525B5A

Harmonies

Analogous

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



305936



005B4C



005B62

Triad

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



005B4C



4D4B77



70462C

Complementary

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



005B4C



5B000F

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.



793F3E



005B4C



684369

Square

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



005B4C



23537B



773E54



604E23

Rectangle

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



005B4C



005A6F



773E54



744331

Sweetspot

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



005B4C



52756F



0F5B00



263B37



BABABA



3B3B3B

Same Dimension

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



005B4C



007562



003D5B



292E2D



006E5C



00EDC6

Inverse Universe

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



5B000F



750013



5B1E00



2E292A



6E0012



ED0027

Previews

White Background



This preview shows how the Hex color 005B4C looks on a white background.

Color Contrast Check

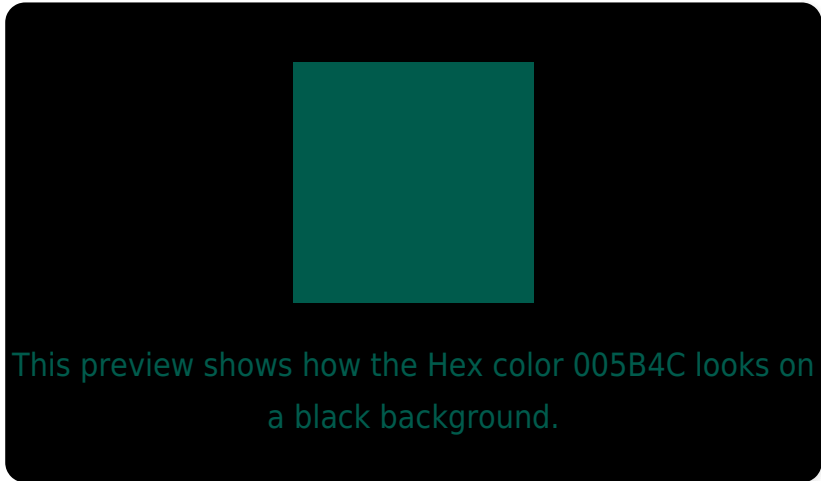
Large Text (above 18pt) WCAG AA ✓ Pass

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

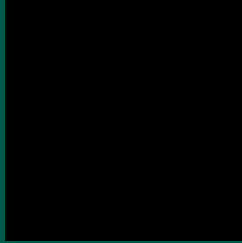
Any Text WCAG AA × Fail

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 005B4C Background



This preview shows how black text looks on a background with the Hex color 005B4C.

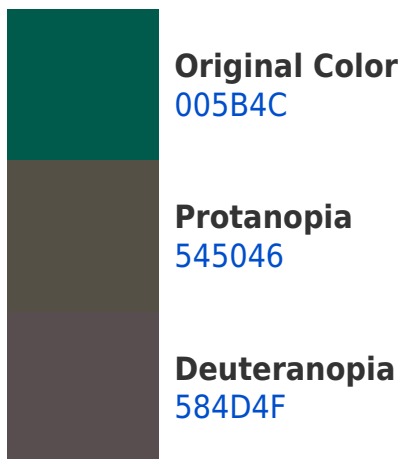



This preview shows how white text looks on a background with the Hex color 005B4C.

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](#).

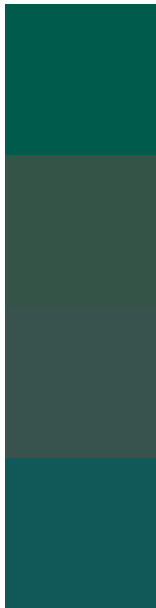
Dichromacy





Tritanopia
1A585F

Trichromacy



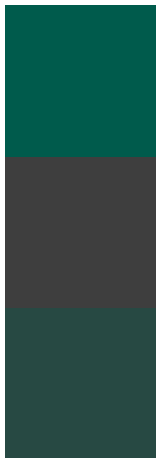
Original Color
005B4C

Protanomaly
355448

Deuteranomaly
38524E

Tritanomaly
115958

Monochromacy



Original Color
005B4C

Achromatopsia
3E3E3E

Achromatomaly
274943

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B4C 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 #005B4C looks like.

```
.text, #text, p{  
    color:#005B4C  
}
```

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 #005B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B4C
}
```

Border

The CSS property to change the border of an element to Hex 005B4C 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
#005B4C }
```

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

```
.border{ border-color:#005B4C }
```

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

Here you see how a box with a 4 pixel #005B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B4C; -webkit-box-shadow:4px 4px  
4px 4px #005B4C; box-shadow:4px 4px 4px  
4px #005B4C }
```

Background

The CSS property to change the background color of an element to Hex 005B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B4C }
```

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

```
.background{ background-color:#005B4C }
```

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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