

Converting Colors

Hex(005A4E)

Have a look what the booklet for
Hex(005A4E) contains.

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Color

Hex(005A4E)

Conversions

Conversions Part 1

Format	Color
Hex	005A4E
RGB	0, 90, 78
RGB Percent	0%, 35%, 31%
CMY	1.0000, 0.6471, 0.6941
CMYK	1.00, 0.00, 0.13, 0.65
HSL	172°, 100%, 18%
HSV	172°, 100%, 35%
XYZ	5.0313, 7.8624, 8.4601
YIQ	61.7220, -49.7880, -22.8120

Conversions

Conversions Part 2

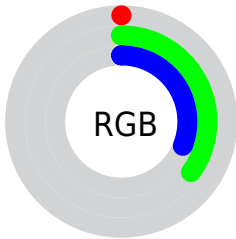
Format	Color
RYB	0, 48, 90
Decimal	23118
CIELab	33.69, -26.46, 0.34
CIElCh	34, 26.466, 179.270
Yxy	7.8624, 0.2356, 0.3682
Android (android.graphics.Color)	4278213198 (0xFF005A4E)
YUV	61.7220, 8.0251, -54.1302
Hunter-Lab	28.0399, -17.0410, 1.7391

Details

The Hex color **005A4E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5A000C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **438D7F**, and **002B22** is the 20% darker color. If you saturate the color by 10%, you get **005A4E**, and if you desaturate by 10%, it is **095A4F**.

Distribution



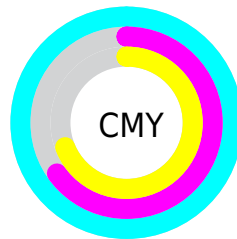
- Red (0%)
- Green (35%)
- Blue (31%)



- Red (0%)
- Yellow (19%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005A4E 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 005A4E by changing the saturation by 10% instead.

 005A4E

 005A4E

FFFFFF

 004237

 438D7F

 002B22

 5EA799

 00160C

 79C3B4

 000000

 94DFCF

 B0FCEB

 CCFFFF

 E9FFFF

 005A4E

■ 095A4F

■ 125A50

■ 1B5A52

■ 245A53

■ 2D5A54

■ 365A55

■ 3F5A56

■ 485A58

■ 515A59

Harmonies

Analogous

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



2D5839



005A4E



005A63

Triad

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



005A4E



504A74



6D462C

Complementary

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



005A4E



5A000C

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.



76403C



005A4E



694265

Square

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



005A4E



2B5279



753E51



5D4E24

Rectangle

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



005A4E



00586E



753E51



714430

Sweetspot

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



005A4E



527571



0C5A00



263B38



BABABA



3B3B3B

Same Dimension

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



005A4E



007566



00395A



292E2D



006E5F



00EDCE

Inverse Universe

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



5A000C



750010



5A2100



2E292A



6E000F



ED0020

Previews

White Background



This preview shows how the Hex color 005A4E looks on a white background.

Color Contrast Check

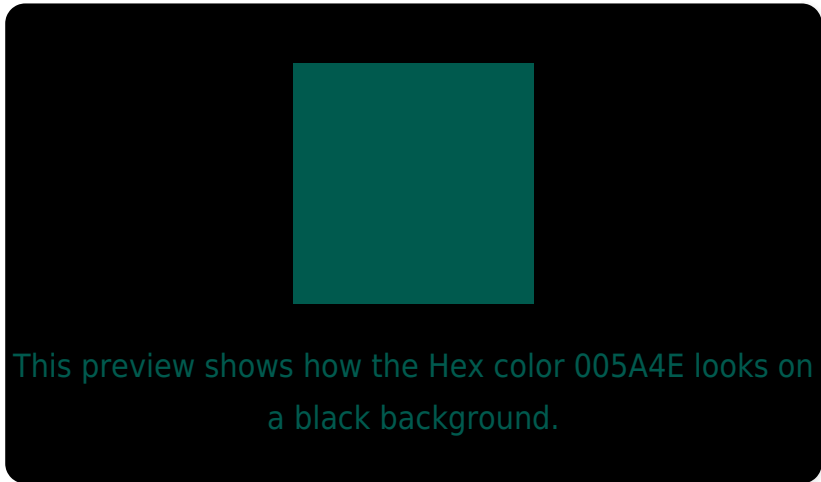
Large Text (above 18pt) WCAG AA ✓ Pass

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

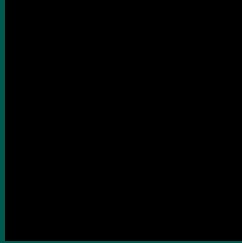
Any Text WCAG AA × Fail

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 005A4E Background



This preview shows how black text looks on a background with the Hex color 005A4E.



This preview shows how white text looks on a background with the Hex color 005A4E.

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
005A4E

Protanopia
524F48

Deuteranopia
564D51



Tritanopia
18585F

Trichromacy



Original Color
005A4E

Protanomaly
34534A

Deuteranomaly
375250

Tritanomaly
0F5959

Monochromacy



Original Color
005A4E

Achromatopsia
3E3E3E

Achromatomaly
274844

CSS Examples

Text

The CSS property to change the color of the text to Hex 005A4E 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 #005A4E looks like.

```
.text, #text, p{  
    color:#005A4E  
}
```

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 #005A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005A4E
}
```

Border

The CSS property to change the border of an element to Hex 005A4E 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
#005A4E }
```

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

```
.border{ border-color:#005A4E }
```

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

Here you see how a box with a 4 pixel #005A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005A4E; -webkit-box-shadow:4px 4px  
4px 4px #005A4E; box-shadow:4px 4px 4px  
4px #005A4E }
```

Background

The CSS property to change the background color of an element to Hex 005A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005A4E }
```

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

```
.background{ background-color:#005A4E }
```

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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