

Converting Colors

Hex(005D4E)

Have a look what the booklet for
Hex(005D4E) contains.

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Color

Hex(005D4E)

Conversions

Conversions Part 1

Format	Color
Hex	005D4E
RGB	0, 93, 78
RGB Percent	0%, 36%, 31%
CMY	1.0000, 0.6353, 0.6941
CMYK	1.00, 0.00, 0.16, 0.64
HSL	170°, 100%, 18%
HSV	170°, 100%, 36%
XYZ	5.2895, 8.3788, 8.5462
YIQ	63.4830, -50.6130, -24.3810

Conversions

Conversions Part 2

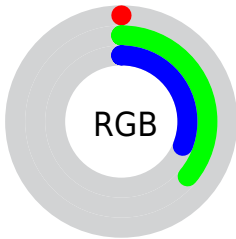
Format	Color
RYB	0, 51, 93
Decimal	23886
CIELab	34.76, -27.90, 1.88
CIELCh	35, 27.960, 176.135
Yxy	8.3788, 0.2381, 0.3772
Android (android.graphics.Color)	4278213966 (0xFF005D4E)
YUV	63.4830, 7.1569, -55.6746
Hunter-Lab	28.9461, -18.0372, 2.7572

Details

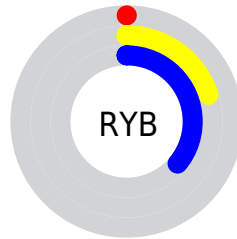
The Hex color **005D4E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5D000F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **44907F**, and **002E22** is the 20% darker color. If you saturate the color by 10%, you get **005D4E**, and if you desaturate by 10%, it is **095D50**.

Distribution



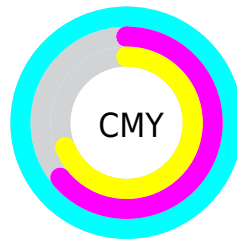
- Red (0%)
- Green (36%)
- Blue (31%)



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



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



- Cyan (100%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005D4E 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 005D4E by changing the saturation by 10% instead.

 005D4E

 005D4E

FFFFFF

 004537

 44907F

 002E22

 5FAB99

 001A0C

 7AC6B4

 000000

 95E2CF

 B1FFEB

 CEFFFF

 EBFFFF

 005D4E

■ 095D50

■ 135D51

■ 1C5D53

■ 255D54

■ 2F5D56

■ 385D57

■ 415D59

■ 4A5D5A

■ 545D5C

Harmonies

Analogous

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



315B38



005D4E



005D65

Triad

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



005D4E



4F4D7A



73472D

Complementary

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



005D4E



5D000F

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.



7C413F



005D4E



6B456B

Square

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



005D4E



25557E



794056



624F24

Rectangle

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



005D4E



005B71



794056



774533

Sweetspot

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



005D4E



547872



0F5D00



273D3A



BDBDBD



3D3D3D

Same Dimension

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



005D4E



007865



003E5D



292E2D



006E5C



00EDC7

Inverse Universe

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



5D000F



780013



5D1F00



2E292A



6E0012



ED0026

Previews

White Background



This preview shows how the Hex color 005D4E looks on a white background.

Color Contrast Check

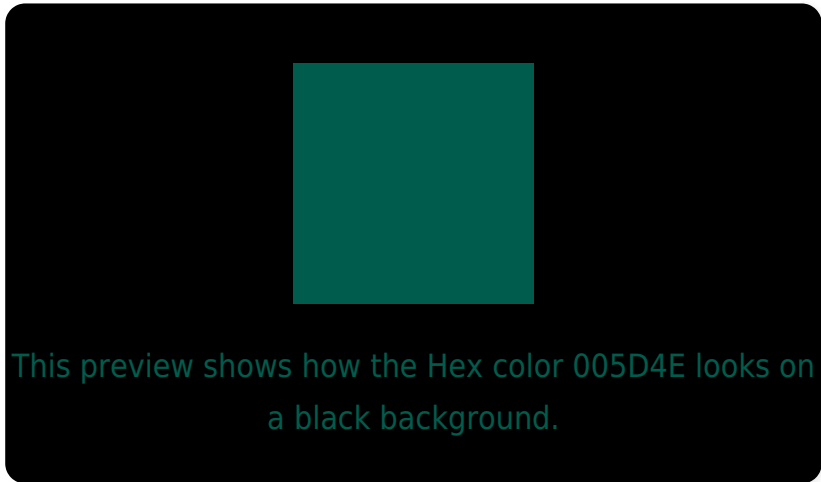
Large Text (above 18pt) WCAG AA ✓ Pass

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

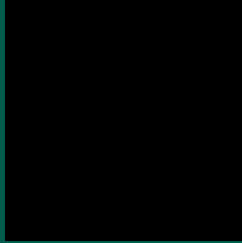
Any Text WCAG AA × Fail

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 005D4E Background



This preview shows how black text looks on a background with the Hex color 005D4E.



This preview shows how white text looks on a background with the Hex color 005D4E.

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
005D4E

Protanopia
565248

Deuteranopia
5A4F51

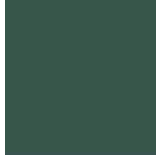


Tritanopia
1B5A62

Trichromacy



Original Color
005D4E



Protanomaly
37564A



Deuteranomaly
395450



Tritanomaly
115B5B

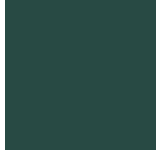
Monochromacy



Original Color
005D4E



Achromatopsia
3F3F3F



Achromatomaly
284A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 005D4E 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 #005D4E looks like.

```
.text, #text, p{  
    color:#005D4E  
}
```

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 #005D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D4E
}
```

Border

The CSS property to change the border of an element to Hex 005D4E 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
#005D4E }
```

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

```
.border{ border-color:#005D4E }
```

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

Here you see how a box with a 4 pixel #005D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D4E; -webkit-box-shadow:4px 4px  
4px 4px #005D4E; box-shadow:4px 4px 4px  
4px #005D4E }
```

Background

The CSS property to change the background color of an element to Hex 005D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D4E }
```

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

```
.background{ background-color:#005D4E }
```

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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