

# Converting Colors

Hex(005E4C)

Have a look what the booklet for  
Hex(005E4C) contains.

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# Color

Hex(005E4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	005E4C
RGB	0, 94, 76
RGB Percent	0%, 37%, 30%
CMY	1.0000, 0.6314, 0.7020
CMYK	1.00, 0.00, 0.19, 0.63
HSL	169°, 100%, 18%
HSV	169°, 100%, 37%
XYZ	5.3072, 8.5272, 8.2037
YIQ	63.8420, -50.2460, -25.5260

# Conversions

## Conversions Part 2

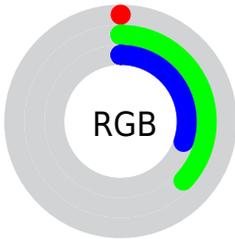
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 52, 94
Decimal	24140
CIELab	35.06, -28.97, 3.56
CIELCh	35, 29.185, 172.997
Yxy	8.5272, 0.2408, 0.3869
Android (android.graphics.Color)	4278214220 (0xFF005E4C)
YUV	63.8420, 5.9939, -55.9894
Hunter-Lab	29.2014, -18.6609, 3.7844

# Details

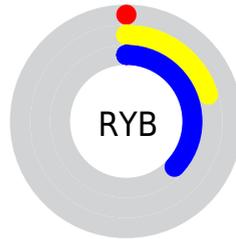
The Hex color **005E4C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E0012**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **44917D**, and **002F20** is the 20% darker color. If you saturate the color by 10%, you get **005E4C**, and if you desaturate by 10%, it is **095E4E**.

# Distribution



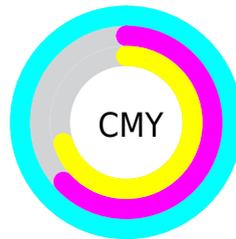
- Red (0%)
- Green (37%)
- Blue (30%)



- Red (0%)
- Yellow (20%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005E4C 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 005E4C by changing the saturation by 10% instead.

 005E4C

 005E4C

FFFFFF

 004635

 44917D

 002F20

 5FAC97

 001B09

 7AC7B1

 000000

 96E4CD

 B1FFE9

 CEFFFF

 EBFFFF

 005E4C

■ 095E4E

■ 135E50

■ 1C5E51

■ 265E53

■ 2F5E55

■ 385E57

■ 425E59

■ 4B5E5A

■ 555E5C

# Harmonies

## Analogous

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



335B35



005E4C



005E64

# Triad

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



005E4C



4C4E7D



76472E

# Complementary

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



005E4C



5E0012

# 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.



7E4042



005E4C



6A466F

# Square

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



005E4C



1A5780



7B4059



654F23

# Rectangle

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



005E4C



005D72



7B4059



7A4434

# Sweetspot

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



005E4C



567A73



135E00



273D39



BDBDBD



3D3D3D



# Same Dimension

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



005E4C



007A63



00425E



292E2D



006E59



00EDC0



# Inverse Universe

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



5E0012



7A0017



5E1C00



2E292A



6E0015

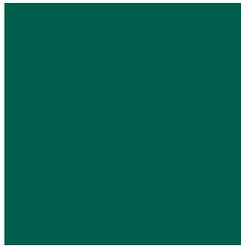


ED002D



# Previews

## White Background



This preview shows how the Hex color 005E4C looks on a white background.

## Color Contrast Check

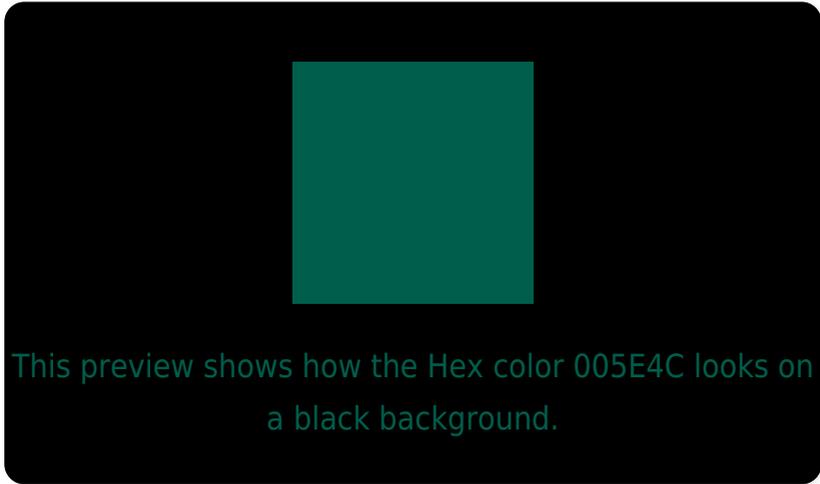
Large Text (above 18pt) WCAG AA ✓ Pass

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 005E4C Background



This preview shows how black text looks on a background with the Hex color 005E4C.



This preview shows how white text looks on a background with the Hex color 005E4C.

# 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**  
005E4C

**Protanopia**  
575246

**Deuteranopia**  
5C504F



**Tritanopia**  
1C5B62

# Trichromacy



**Original Color**  
005E4C

**Protanomaly**  
375648

**Deuteranomaly**  
3B554E

**Tritanomaly**  
125C5A

# Monochromacy



**Original Color**  
005E4C

**Achromatopsia**  
404040

**Achromatomaly**  
294B44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005E4C 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 #005E4C looks like.

```
.text, #text, p{  
    color:#005E4C  
}
```

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 #005E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005E4C
}
```

## Border

The CSS property to change the border of an element to Hex 005E4C 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
#005E4C }
```

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

```
.border{ border-color:#005E4C }
```

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

Here you see how a box with a 4 pixel #005E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005E4C; -webkit-box-shadow:4px 4px  
4px 4px #005E4C; box-shadow:4px 4px 4px  
4px #005E4C }
```

# Background

The CSS property to change the background color of an element to Hex 005E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005E4C }
```

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

```
.background{ background-color:#005E4C }
```

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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