

# Converting Colors

Hex(005E2B)

Have a look what the booklet for  
Hex(005E2B) contains.

<b>Hex(005E2B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(005E2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005E2B
RGB	0, 94, 43
RGB Percent	0%, 37%, 17%
CMY	1.0000, 0.6314, 0.8314
CMYK	1.00, 0.00, 0.54, 0.63
HSL	147°, 100%, 18%
HSV	147°, 100%, 37%
XYZ	4.4387, 8.1798, 3.6304
YIQ	60.0800, -39.6530, -35.7890

# Conversions

## Conversions Part 2

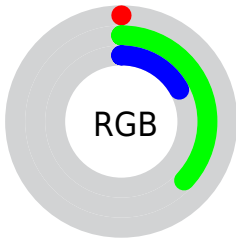
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 94
Decimal	24107
CIELab	34.35, -36.99, 22.45
CIELCh	34, 43.267, 148.748
Yxy	8.1798, 0.2732, 0.5034
Android (android.graphics.Color)	4278214187 (0xFF005E2B)
YUV	60.0800, -8.4204, -52.6902
Hunter-Lab	28.6004, -22.3477, 12.4942

# Details

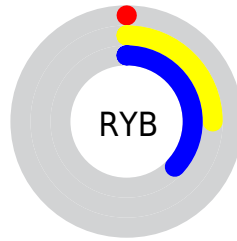
The Hex color **005E2B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5E0033**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **43915A**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **005E2B**, and if you desaturate by 10%, it is **095E30**.

# Distribution



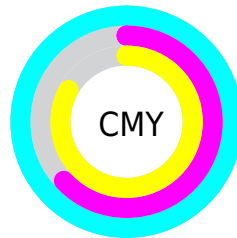
- Red (0%)
- Green (37%)
- Blue (17%)



- Red (0%)
- Yellow (25%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005E2B 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 005E2B by changing the saturation by 10% instead.



 005E2B

 005E2B

FFFFFF

 004615

 43915A

 002E00

 5EAC72

 001800

 79C88C

 000000

 94E4A7

 B0FFC2

 CDFE

 EAFFFB

 005E2B

 095E30

 135E35

 1C5E3A

 265E3F

 2F5E45

 385E4A

 425E4F

 4B5E54

 555E59

# Harmonies

## Analogous

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



41580B



005E2B



00614E

# Triad

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



005E2B



005596



8C3332

# Complementary

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



005E2B



5E0033

# 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.



8C2E54



005E2B



4D488D

# Square

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



005E2B



005D8B



793875



7D4114

# Rectangle

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



005E2B



006166



793875



8E303D



# Sweetspot

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



005E2B



567A66



345E00



273D31



BDBDBD



3D3D3D



# Same Dimension

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



005E2B



007A38



005E59



292E2B



006E32



00ED6C



# Inverse Universe

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



5E0033



7A0042



5E0005



2E292C



6E003B

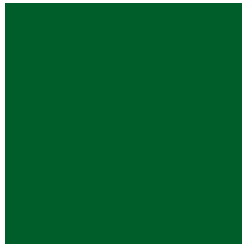


ED0081



# Previews

## White Background



This preview shows how the Hex color 005E2B looks on a white background.

## Color Contrast Check

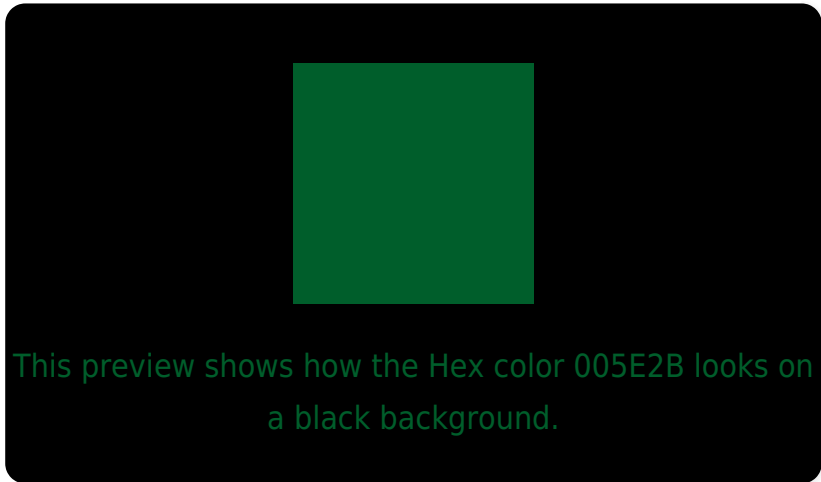
Large Text (above 18pt) WCAG AA ✓ Pass

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 005E2B Background



This preview shows how black text looks on a background with the Hex color 005E2B.



This preview shows how white text looks on a background with the Hex color 005E2B.

# 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](#).

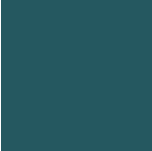
## Dichromacy



**Original Color**  
005E2B

**Protanopia**  
5A5127

**Deuteranopia**  
624D2F



**Tritanopia**  
255860

# Trichromacy



**Original Color**  
005E2B



**Protanomaly**  
395628



**Deuteranomaly**  
3E532E



**Tritanomaly**  
185A4D

# Monochromacy



**Original Color**  
005E2B



**Achromatopsia**  
3C3C3C



**Achromatomaly**  
264836

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005E2B 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 #005E2B looks like.

```
.text, #text, p{  
    color:#005E2B  
}
```

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 #005E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005E2B
}
```

## Border

The CSS property to change the border of an element to Hex 005E2B 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
#005E2B }
```

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

```
.border{ border-color:#005E2B }
```

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

Here you see how a box with a 4 pixel #005E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005E2B; -webkit-box-shadow:4px 4px  
4px 4px #005E2B; box-shadow:4px 4px 4px  
4px #005E2B }
```

# Background

The CSS property to change the background color of an element to Hex 005E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005E2B }
```

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

```
.background{ background-color:#005E2B }
```

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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