

Converting Colors

Hex(055E32)

Have a look what the booklet for
Hex(055E32) contains.

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Color

Hex(055E32)

Conversions

Conversions Part 1

Format	Color
Hex	055E32
RGB	5, 94, 50
RGB Percent	2%, 37%, 20%
CMY	0.9804, 0.6314, 0.8039
CMYK	0.95, 0.00, 0.47, 0.63
HSL	150°, 90%, 19%
HSV	150°, 95%, 37%
XYZ	4.6410, 8.2680, 4.3689
YIQ	62.3730, -38.9200, -32.5520

Conversions

Conversions Part 2

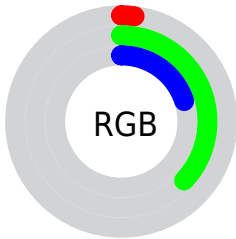
Format	Color
RYB	5, 64, 94
Decimal	351794
CIELab	34.53, -35.07, 18.66
CIELCh	35, 39.726, 151.985
Yxy	8.2680, 0.2686, 0.4785
Android (android.graphics.Color)	4278541874 (0xFF055E32)
YUV	62.3730, -6.0999, -50.3161
Hunter-Lab	28.7541, -21.5090, 11.1193

Details

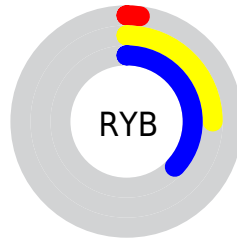
The Hex color **055E32** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5E0531**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **459161**, and **002F05** is the 20% darker color. If you saturate the color by 10%, you get **005E30**, and if you desaturate by 10%, it is **0E5E37**.

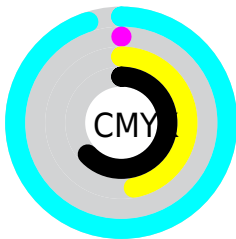
Distribution



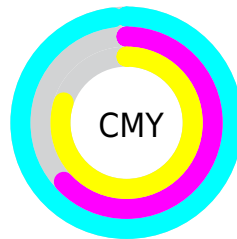
- Red (2%)
- Green (37%)
- Blue (20%)



- Red (2%)
- Yellow (25%)
- Blue (37%)



- Cyan (95%)
- Magenta (0%)
- Yellow (47%)
- Black (63%)



- Cyan (98%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 055E32 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 055E32 by changing the saturation by 10% instead.

 055E32

 055E32

FFFFFF

 00461C

 459161

 002F05

 60AC7A

 001800

 7BC894

 000000

 96E4AF

 B2FFCA

 CEFFE6

 EBFFFF

 055E32

 055E32

■ 005E30

■ 0E5E37

■ 185E3B

■ 215E40

■ 2B5E45

■ 345E49

■ 3D5E4E

■ 475E53

■ 505E57

■ 5A5E5C

Harmonies

Analogous

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



3F5917



055E32



006052

Triad

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



055E32



005491



883832

Complementary

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



055E32



5E0531

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.



893350



055E32



544887

Square

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



055E32



005C89



793A6F



784418

Rectangle

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



055E32



006068



793A6F



8A353B

Sweetspot

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



055E32



587A69



325E05



283D33



BDBDBD



3D3D3D

Same Dimension

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



055E32



007A3E



055E5E



292E2C



006E37



00ED78

Inverse Universe

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



5E0531



7A003D



5E0505



2E292C



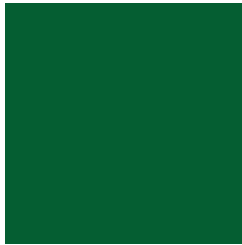
6E0036



ED0075

Previews

White Background



This preview shows how the Hex color 055E32 looks on a white background.

Color Contrast Check

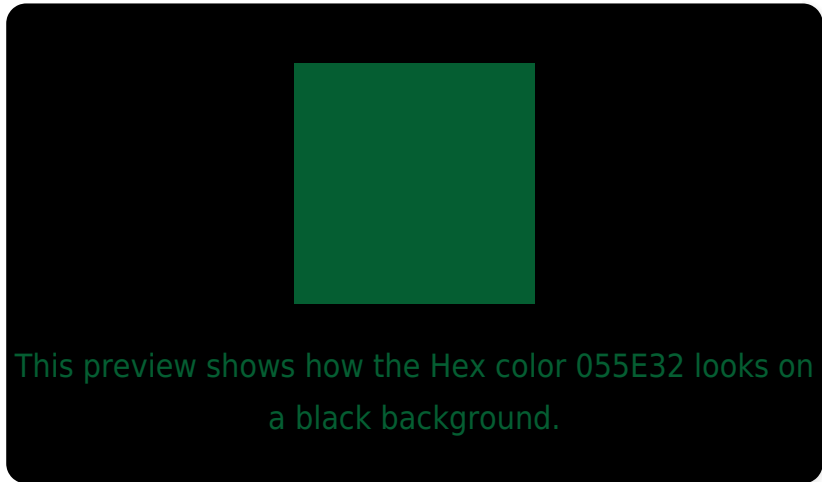
Large Text (above 18pt) WCAG AA ✓ Pass

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

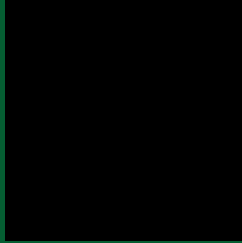
Any Text WCAG AA × Fail

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 055E32 Background



This preview shows how black text looks on a background with the Hex color 055E32.



This preview shows how white text looks on a background with the Hex color 055E32.

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
055E32

Protanopia
59512D

Deuteranopia
614E36



Tritanopia
245960

Trichromacy



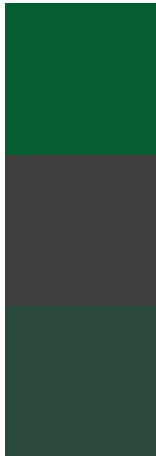
Original Color
055E32

Protanomaly
3A562F

Deuteranomaly
405435

Tritanomaly
195B4F

Monochromacy



Original Color
055E32

Achromatopsia
3E3E3E

Achromatomaly
294A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 055E32 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 #055E32 looks like.

```
.text, #text, p{  
    color:#055E32  
}
```

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 #055E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #055E32
}
```

Border

The CSS property to change the border of an element to Hex 055E32 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
#055E32 }
```

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

```
.border{ border-color:#055E32 }
```

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

Here you see how a box with a 4 pixel #055E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #055E32; -webkit-box-shadow:4px 4px  
4px 4px #055E32; box-shadow:4px 4px 4px  
4px #055E32 }
```

Background

The CSS property to change the background color of an element to Hex 055E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#055E32 }
```

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

```
.background{ background-color:#055E32 }
```

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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