

# Converting Colors

Hex(053E15)

Have a look what the booklet for  
Hex(053E15) contains.

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# Color

**Hex(053E15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	053E15
RGB	5, 62, 21
RGB Percent	2%, 24%, 8%
CMY	0.9804, 0.7569, 0.9176
CMYK	0.92, 0.00, 0.66, 0.76
HSL	137°, 85%, 13%
HSV	137°, 92%, 24%
XYZ	1.9206, 3.5317, 1.2899
YIQ	40.2830, -20.8110, -24.8350

# Conversions

## Conversions Part 2

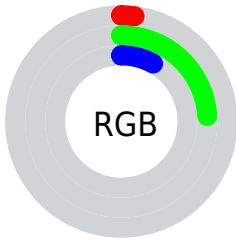
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 50, 62
Decimal	343573
CIELab	22.06, -27.86, 20.03
CIELCh	22, 34.309, 144.291
Yxy	3.5317, 0.2849, 0.5238
Android (android.graphics.Color)	4278533653 (0xFF053E15)
YUV	40.2830, -9.5065, -30.9432
Hunter-Lab	18.7927, -14.6450, 9.0853

# Details

The Hex color **053E15** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E052E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3B6E41**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **003E11**, and if you desaturate by 10%, it is **0B3E19**.

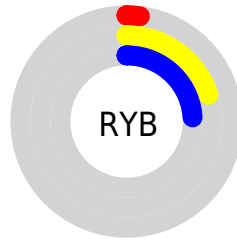
# Distribution



Red (2%)

Green (24%)

Blue (8%)



Red (2%)

Yellow (20%)

Blue (24%)

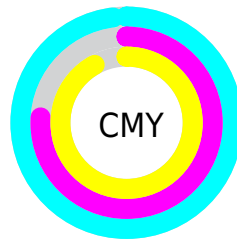


Cyan (92%)

Magenta (0%)

Yellow (66%)

Black (76%)



Cyan (98%)

Magenta (76%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 053E15 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 053E15 by changing the saturation by 10% instead.



 053E15

 053E15

 F7FFF9

 002800

 3B6E41

 000E00

 548859

 000000

 6DA271

 87BE8B

 A2DAA6

 BEF6C1

 DAFFDD

 053E15

 053E15

■ 003E11

■ 0B3E19

■ 113E1E

■ 183E22

■ 1E3E27

■ 243E2B

■ 2A3E30

■ 303E34

■ 373E39

■ 3D3E3D

# Harmonies

## Analogous

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



2D3A00



053E15



00402F

# Triad

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



053E15



003968



611D22

# Complementary

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



053E15



3E052E

# 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.



5F1B3B



053E15



2A3063

# Square

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



053E15



003E5E



4F2453



57270A

# Rectangle

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



053E15



004041



4F2453



621B2A



# Sweetspot

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



053E15



3B5241



2F3E05



1B291F



A8A8A8



292929



# Same Dimension

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



053E15



005217



053E31



1C1F1C



005E1A



00DE3E



# Inverse Universe

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



3E052E



52003B



3E0512



1F1C1E



5E0044

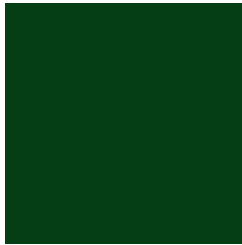


DE00A0



# Previews

## White Background



This preview shows how the Hex color 053E15 looks on a white background.

## Color Contrast Check

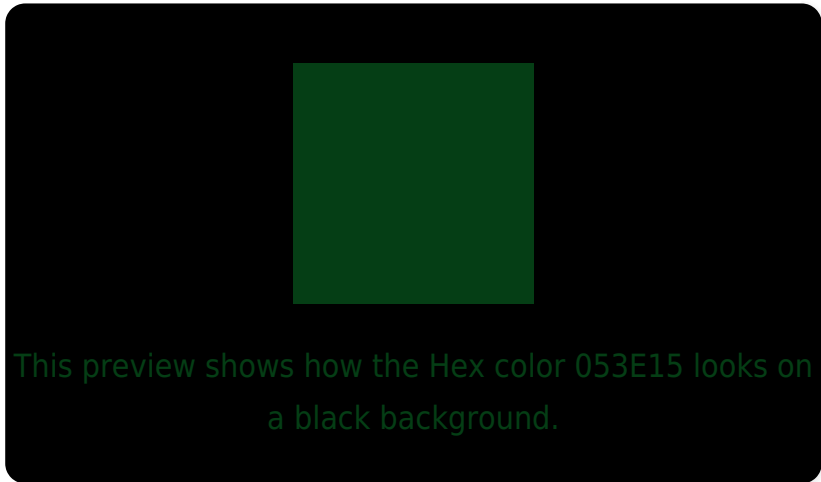
Large Text (above 18pt) WCAG AA ✓ Pass

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

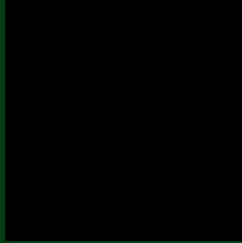
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 053E15 Background



This preview shows how black text looks on a background with the Hex color 053E15.



This preview shows how white text looks on a background with the Hex color 053E15.

# 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**  
053E15

**Protanopia**  
3B3513

**Deuteranopia**  
423319



**Tritanopia**  
193A3F

# Trichromacy



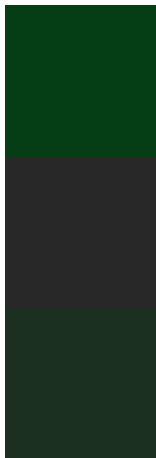
**Original Color**  
053E15

**Protanomaly**  
273814

**Deuteranomaly**  
2C3718

**Tritanomaly**  
123B30

# Monochromacy



**Original Color**  
053E15

**Achromatopsia**  
282828

**Achromatomaly**  
1B3021

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 053E15 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 #053E15 looks like.

```
.text, #text, p{  
    color:#053E15  
}
```

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 #053E15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053E15  
}
```

## Border

The CSS property to change the border of an element to Hex 053E15 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  
#053E15 }
```

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

```
.border{ border-color:#053E15 }
```

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

Here you see how a box with a 4 pixel #053E15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #053E15; -webkit-box-shadow:4px 4px  
4px 4px #053E15; box-shadow:4px 4px 4px  
4px #053E15 }
```

# Background

The CSS property to change the background color of an element to Hex 053E15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053E15 }
```

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

```
.background{ background-color:#053E15 }
```

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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