

Converting Colors

Hex(045C40)

Have a look what the booklet for
Hex(045C40) contains.

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Color

Hex(045C40)

Conversions

Conversions Part 1

Format	Color
Hex	045C40
RGB	4, 92, 64
RGB Percent	2%, 36%, 25%
CMY	0.9843, 0.6392, 0.7490
CMYK	0.96, 0.00, 0.30, 0.64
HSL	161°, 92%, 19%
HSV	161°, 96%, 36%
XYZ	4.8026, 8.0503, 6.1512
YIQ	62.4960, -43.4600, -27.3640

Conversions

Conversions Part 2

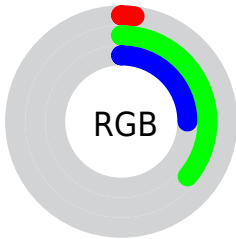
Format	Color
R_{YB}	4, 56, 92
Decimal	285760
CIE _{Lab}	34.09, -31.04, 9.62
CIE _{LCh}	34, 32.500, 162.790
Yxy	8.0503, 0.2527, 0.4236
Android (android.graphics.Color)	4278475840 (0xFF045C40)
YUV	62.4960, 0.7415, -51.3010
Hunter-Lab	28.3730, -19.4385, 7.0071

Details

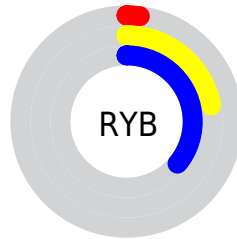
The Hex color **045C40** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C0420**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **448F70**, and **002D15** is the 20% darker color. If you saturate the color by 10%, you get **005C3F**, and if you desaturate by 10%, it is **0D5C43**.

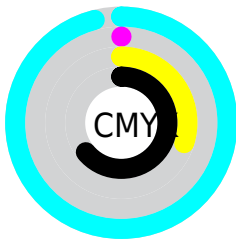
Distribution



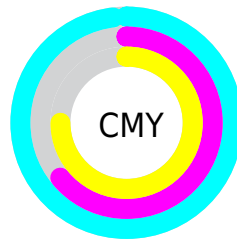
- Red (2%)
- Green (36%)
- Blue (25%)



- Red (2%)
- Yellow (22%)
- Blue (36%)



- Cyan (96%)
- Magenta (0%)
- Yellow (30%)
- Black (64%)



- Cyan (98%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045C40 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 045C40 by changing the saturation by 10% instead.

 045C40

 045C40

FFFFFF

 00442A

 448F70

 002D15

 5FAA89

 001700

 7AC5A4

 000000

 95E1BF

 B1FEDA

 CDFFF7

 EAFFFF

 045C40

 045C40

■ 005C3F

■ 0D5C43

■ 165C46

■ 205C49

■ 295C4C

■ 325C4F

■ 3B5C52

■ 445C54

■ 4E5C57

■ 575C5A

Harmonies

Analogous

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



385929



045C40



005D5B

Triad

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



045C40



374F82



7B402E

Complementary

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



045C40



5C0420

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.



803A46



045C40



604576

Square

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



045C40



005781



783C60



6B491E

Rectangle

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



045C40



005C6B



783C60



7E3D36

Sweetspot

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



045C40



55786D



215C04



283D36



BDBDBD



3D3D3D

Same Dimension

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



045C40



007852



044D5C



292E2C



006E4B



00EDA2

Inverse Universe

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



5C0420



780026



5C1304



2E292B



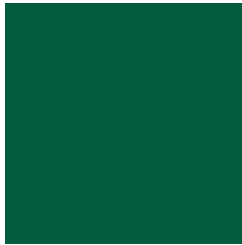
6E0023



ED004B

Previews

White Background



This preview shows how the Hex color 045C40 looks on a white background.

Color Contrast Check

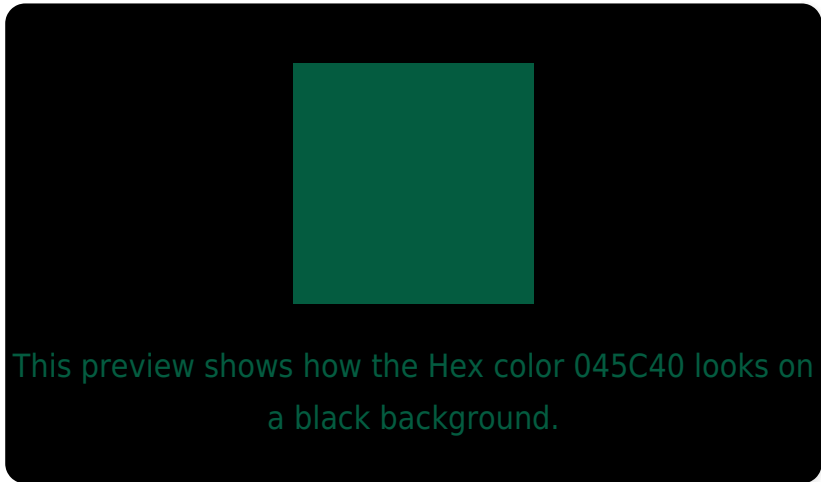
Large Text (above 18pt) WCAG AA ✓ Pass

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

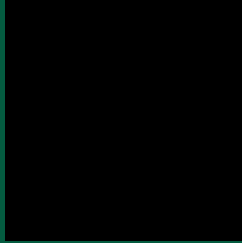
Any Text WCAG AA × Fail

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 045C40 Background



This preview shows how black text looks on a background with the Hex color 045C40.

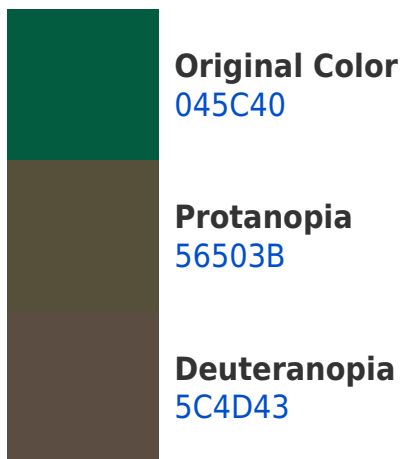



This preview shows how white text looks on a background with the Hex color 045C40.

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





Tritanopia
1F585F

Trichromacy



Original Color
045C40

Protanomaly
38543D

Deuteranomaly
3C5242

Tritanomaly
155954

Monochromacy



Original Color
045C40

Achromatopsia
3E3E3E

Achromatomaly
29493F

CSS Examples

Text

The CSS property to change the color of the text to Hex 045C40 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 #045C40 looks like.

```
.text, #text, p{  
    color:#045C40  
}
```

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 #045C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045C40
}
```

Border

The CSS property to change the border of an element to Hex 045C40 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
#045C40 }
```

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

```
.border{ border-color:#045C40 }
```

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

Here you see how a box with a 4 pixel #045C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045C40; -webkit-box-shadow:4px 4px  
4px 4px #045C40; box-shadow:4px 4px 4px  
4px #045C40 }
```

Background

The CSS property to change the background color of an element to Hex 045C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045C40 }
```

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

```
.background{ background-color:#045C40 }
```

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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