

Converting Colors

Hex(075E24)

Have a look what the booklet for
Hex(075E24) contains.

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Color

Hex(075E24)

Conversions

Conversions Part 1

Format	Color
Hex	075E24
RGB	7, 94, 36
RGB Percent	3%, 37%, 14%
CMY	0.9725, 0.6314, 0.8588
CMYK	0.93, 0.00, 0.62, 0.63
HSL	140°, 86%, 20%
HSV	140°, 93%, 37%
XYZ	4.4088, 8.1780, 3.0152
YIQ	61.3750, -33.2340, -36.4820

Conversions

Conversions Part 2

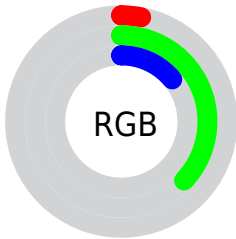
Format	Color
RYB	7, 72, 94
Decimal	482852
CIELab	34.35, -37.38, 26.30
CIELCh	34, 45.706, 144.866
Yxy	8.1780, 0.2826, 0.5242
Android (android.graphics.Color)	4278672932 (0xFF075E24)
YUV	61.3750, -12.5099, -47.6869
Hunter-Lab	28.5971, -22.5260, 13.7666

Details

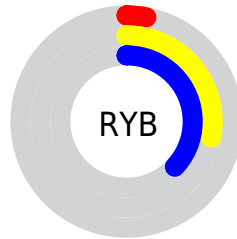
The Hex color **075E24** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5E0741**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **469153**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **005E1F**, and if you desaturate by 10%, it is **105E2A**.

Distribution



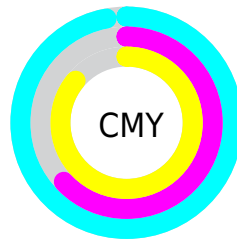
- Red (3%)
- Green (37%)
- Blue (14%)



- Red (3%)
- Yellow (28%)
- Blue (37%)



- Cyan (93%)
- Magenta (0%)
- Yellow (62%)
- Black (63%)



- Cyan (97%)
- Magenta (63%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 075E24 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 075E24 by changing the saturation by 10% instead.



075E24



075E24

FFFFFF



00460D



469153



002E00



61AC6B



001800



7CC885



000000



97E49F



B3FFBB



D0FFD6



EDFFF3



075E24



075E24

■ 005E1F

■ 105E2A

■ 1A5E31

■ 235E37

■ 2D5E3D

■ 365E43

■ 3F5E4A

■ 495E50

■ 525E56

■ 5C5E5C

Harmonies

Analogous

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



455800



075E24



006149

Triad

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



075E24



005799



902F35

Complementary

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



075E24



5E0741

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.



8E2B59



075E24



434A93

Square

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



075E24



005E8C



76397B



813E14

Rectangle

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



075E24



006162



76397B



912B40

Sweetspot

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



075E24



587A64



415E07



283D2F



BDBDBD



3D3D3D

Same Dimension

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



075E24



007A29



075E4F



292E2B



006E25



00ED4F

Inverse Universe

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



5E0741



7A0052



5E0716



2E292C



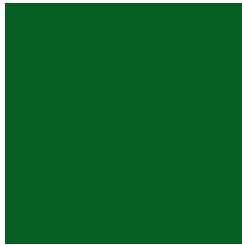
6E0049



ED009E

Previews

White Background



This preview shows how the Hex color 075E24 looks on a white background.

Color Contrast Check

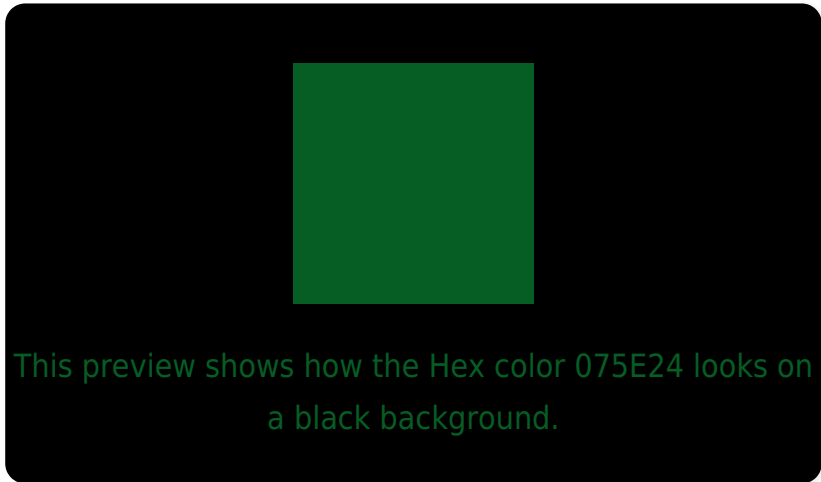
Large Text (above 18pt) WCAG AA ✓ Pass

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

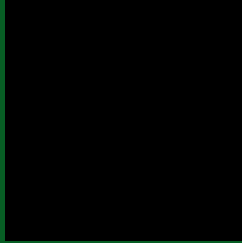
Any Text WCAG AA × Fail

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 075E24 Background



This preview shows how black text looks on a background with the Hex color 075E24.



This preview shows how white text looks on a background with the Hex color 075E24.

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](#).

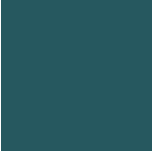
Dichromacy



Original Color
075E24

Protanopia
5A5120

Deuteranopia
634D29



Tritanopia
26585F

Trichromacy



Original Color
075E24



Protanomaly
3C5621



Deuteranomaly
425327



Tritanomaly
1B5A4A

Monochromacy



Original Color
075E24



Achromatopsia
3D3D3D



Achromatomaly
294934

CSS Examples

Text

The CSS property to change the color of the text to Hex 075E24 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 #075E24 looks like.

```
.text, #text, p{  
    color:#075E24  
}
```

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 #075E24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075E24
}
```

Border

The CSS property to change the border of an element to Hex 075E24 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".

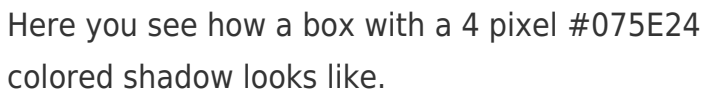
```
.border, #border, table{ border:4px solid
#075E24 }
```

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

```
.border{ border-color:#075E24 }
```

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

Here you see how a box with a 4 pixel #075E24 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075E24; -webkit-box-shadow:4px 4px  
4px 4px #075E24; box-shadow:4px 4px 4px  
4px #075E24 }
```

Background

The CSS property to change the background color of an element to Hex 075E24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075E24 }
```

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

```
.background{ background-color:#075E24 }
```

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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