

Converting Colors

Hex(05582E)

Have a look what the booklet for
Hex(05582E) contains.

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Color

Hex(05582E)

Conversions

Conversions Part 1

Format	Color
Hex	05582E
RGB	5, 88, 46
RGB Percent	2%, 35%, 18%
CMY	0.9804, 0.6549, 0.8196
CMYK	0.94, 0.00, 0.48, 0.65
HSL	150°, 89%, 18%
HSV	150°, 94%, 35%
XYZ	4.0455, 7.2090, 3.7630
YIQ	58.3950, -35.9860, -30.6580

Conversions

Conversions Part 2

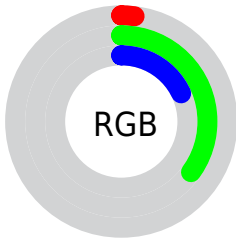
Format	Color
RYB	5, 61, 88
Decimal	350254
CIELab	32.28, -33.52, 18.09
CIELCh	32, 38.091, 151.643
Yxy	7.2090, 0.2694, 0.4800
Android (android.graphics.Color)	4278540334 (0xFF05582E)
YUV	58.3950, -6.1107, -46.8274
Hunter-Lab	26.8495, -20.0918, 10.4850

Details

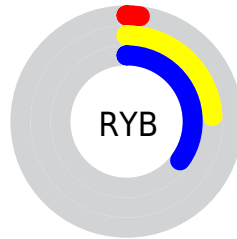
The Hex color **05582E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **58052F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **438B5C**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **00582B**, and if you desaturate by 10%, it is **0E5832**.

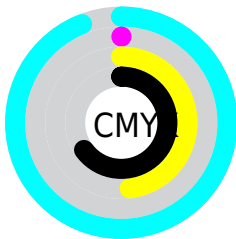
Distribution



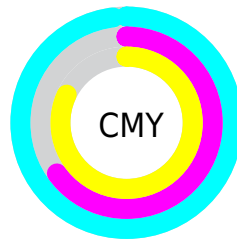
- Red (2%)
- Green (35%)
- Blue (18%)



- Red (2%)
- Yellow (24%)
- Blue (35%)



- Cyan (94%)
- Magenta (0%)
- Yellow (48%)
- Black (65%)



- Cyan (98%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05582E 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 05582E by changing the saturation by 10% instead.

 05582E

 05582E

FFFFFF

 004019

 438B5C

 002A00

 5EA575

 000F00

 78C18F

 000000

 93DDAA

 AFFAC5

 CBFEE1

 E8FFFE

 05582E

 05582E

■ 00582B

■ 0E5832

■ 175837

■ 1F583B

■ 285840

■ 315844

■ 3A5849

■ 43584D

■ 4B5852

■ 545856

Harmonies

Analogous

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



3B5314



05582E



005A4D

Triad

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



05582E



004F88



80342E

Complementary

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



05582E



58052F

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.



812F4C



05582E



4E437F

Square

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



05582E



005680



713669



714016

Rectangle

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



05582E



005A61



713669



823138

Sweetspot

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



05582E



537362



305805



273B31



BABABA



3B3B3B

Same Dimension

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



05582E



007339



055857



272B29



006B35



00EB74

Inverse Universe

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



58052F



73003A



580506



2B2729



6B0036



EB0077

Previews

White Background



This preview shows how the Hex color 05582E looks on a white background.

Color Contrast Check

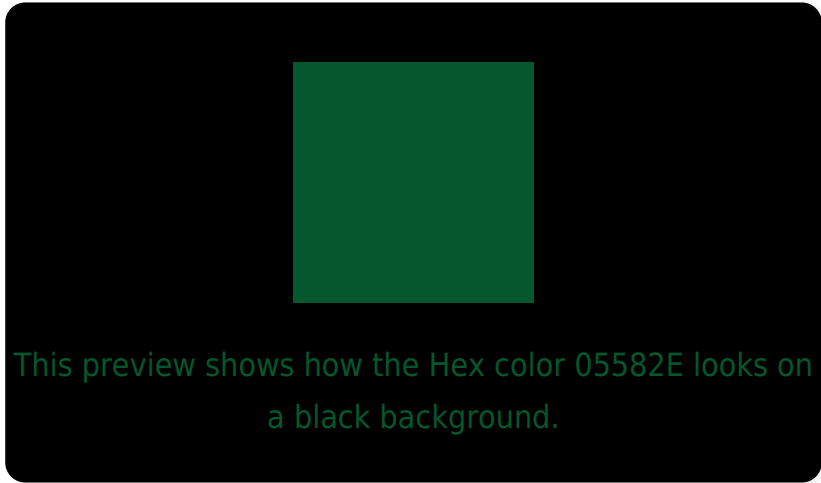
Large Text (above 18pt) WCAG AA ✓ Pass

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

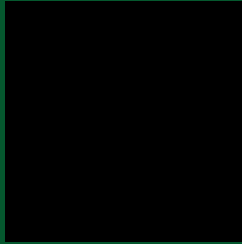
Any Text WCAG AA × Fail

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 05582E Background



This preview shows how black text looks on a background with the Hex color 05582E.



This preview shows how white text looks on a background with the Hex color 05582E.

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
05582E

Protanopia
544C2A

Deuteranopia
5B4932

Trichromacy



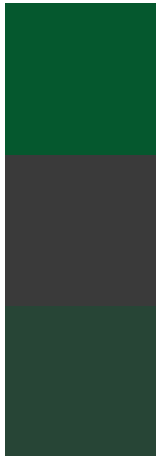
Original Color
05582E

Protanomaly
37502B

Deuteranomaly
3C4E31

Tritanomaly
17554A

Monochromacy



Original Color
05582E

Achromatopsia
3A3A3A

Achromatomaly
274536

CSS Examples

Text

The CSS property to change the color of the text to Hex 05582E 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 #05582E looks like.

```
.text, #text, p{  
    color:#05582E  
}
```

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 #05582E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05582E
}
```

Border

The CSS property to change the border of an element to Hex 05582E 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".

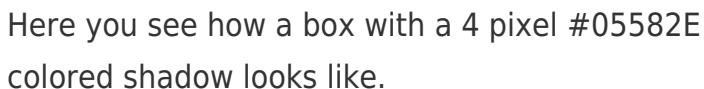
```
.border, #border, table{ border:4px solid
#05582E }
```

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

```
.border{ border-color:#05582E }
```

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

Here you see how a box with a 4 pixel #05582E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05582E; -webkit-box-shadow:4px 4px  
4px 4px #05582E; box-shadow:4px 4px 4px  
4px #05582E }
```

Background

The CSS property to change the background color of an element to Hex 05582E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05582E }
```

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

```
.background{ background-color:#05582E }
```

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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