

Converting Colors

Hex(0D5934)

Have a look what the booklet for
Hex(0D5934) contains.

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Color

Hex(0D5934)

Conversions

Conversions Part 1

Format	Color
Hex	0D5934
RGB	13, 89, 52
RGB Percent	5%, 35%, 20%
CMY	0.9490, 0.6510, 0.7961
CMYK	0.85, 0.00, 0.42, 0.65
HSL	151°, 75%, 20%
HSV	151°, 85%, 35%
XYZ	4.3582, 7.4783, 4.4626
YIQ	62.0580, -33.4190, -27.6190

Conversions

Conversions Part 2

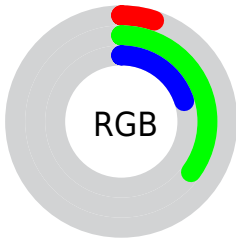
Format	Color
RYB	13, 63, 89
Decimal	874804
CIELab	32.87, -31.69, 15.31
CIElCh	33, 35.195, 154.222
Yxy	7.4783, 0.2674, 0.4588
Android (android.graphics.Color)	4279064884 (0xFF0D5934)
YUV	62.0580, -4.9586, -43.0239
Hunter-Lab	27.3464, -19.4087, 9.4672

Details

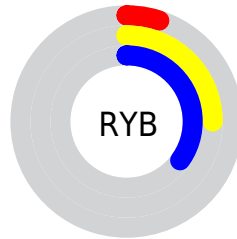
The Hex color **0D5934** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **590D32**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **478C63**, and **002A07** is the 20% darker color. If you saturate the color by 10%, you get **045930**, and if you desaturate by 10%, it is **165938**.

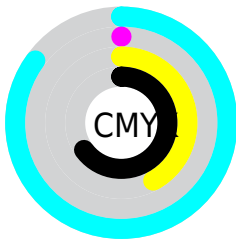
Distribution



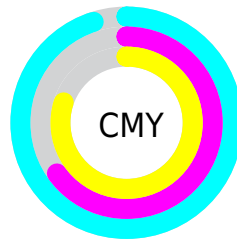
- Red (5%)
- Green (35%)
- Blue (20%)



- Red (5%)
- Yellow (25%)
- Blue (35%)



- Cyan (85%)
- Magenta (0%)
- Yellow (42%)
- Black (65%)



- Cyan (95%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D5934 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 0D5934 by changing the saturation by 10% instead.



0D5934



0D5934

FFFFFF



00411E



478C63



002A07



61A67C



001200



7BC296



000000



97DEB1



B2FBCC



CEFFE8



EBFFFF



0D5934



0D5934

■ 045930

■ 165938

■ 00592E

■ 1F593D

■ 285941

■ 315945

■ 39594A

■ 42594E

■ 4B5952

■ 545957

■ 5D595B

Harmonies

Analogous

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



3C551C



0D5934



005B51

Triad

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



0D5934



174F85



7D3930

Complementary

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



0D5934



590D32

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.



7F344A



0D5934



54447B

Square

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



0D5934



00567F



723966



6F431A

Rectangle

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



0D5934



005B63



723966



803638

Sweetspot

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



0D5934



557364



33590D



283B32



BABABA



3B3B3B

Same Dimension

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



0D5934



00733B



0D5959



272B29



006B37



00EB78

Inverse Universe

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



590D32



730038



590D0D



2B2729



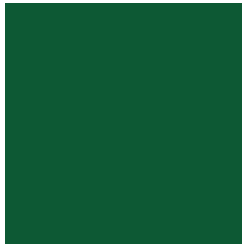
6B0034



EB0072

Previews

White Background



This preview shows how the Hex color 0D5934 looks on a white background.

Color Contrast Check

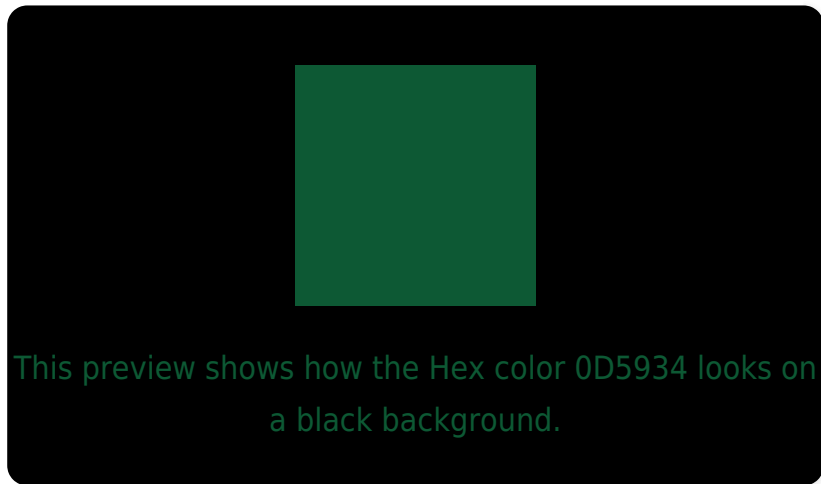
Large Text (above 18pt) WCAG AA ✓ Pass

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

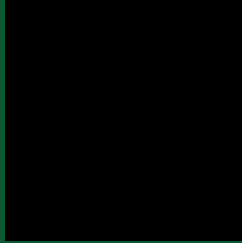
Any Text WCAG AA × Fail

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 0D5934 Background



This preview shows how black text looks on a background with the Hex color 0D5934.



This preview shows how white text looks on a background with the Hex color 0D5934.

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
0D5934

Protanopia
544D2F

Deuteranopia
5C4A38



Tritanopia
22545B

Trichromacy



Original Color
0D5934

Protanomaly
3A5131

Deuteranomaly
3F4F37

Tritanomaly
1A564D

Monochromacy



Original Color
0D5934

Achromatopsia
3E3E3E

Achromatomaly
2C483A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D5934 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 #0D5934 looks like.

```
.text, #text, p{  
    color:#0D5934  
}
```

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 #0D5934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5934
}
```

Border

The CSS property to change the border of an element to Hex 0D5934 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
#0D5934 }
```

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

```
.border{ border-color:#0D5934 }
```

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

Here you see how a box with a 4 pixel #0D5934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5934; -webkit-box-shadow:4px 4px  
4px 4px #0D5934; box-shadow:4px 4px 4px  
4px #0D5934 }
```

Background

The CSS property to change the background color of an element to Hex 0D5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5934 }
```

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

```
.background{ background-color:#0D5934 }
```

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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