

Converting Colors

Hex(01634C)

Have a look what the booklet for
Hex(01634C) contains.

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Color

Hex(01634C)

Conversions

Conversions Part 1

Format	Color
Hex	01634C
RGB	1, 99, 76
RGB Percent	0%, 39%, 30%
CMY	0.9961, 0.6118, 0.7020
CMYK	0.99, 0.00, 0.23, 0.61
HSL	166°, 98%, 20%
HSV	166°, 99%, 39%
XYZ	5.7789, 9.4519, 8.3573
YIQ	67.0760, -51.0250, -27.9290

Conversions

Conversions Part 2

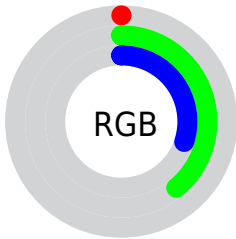
Format	Color
R_{YB}	1, 57, 99
Decimal	90956
CIE Lab	36.84, -31.15, 6.11
CIE LCh	37, 31.743, 168.906
Yxy	9.4519, 0.2450, 0.4007
Android (android.graphics.Color)	4278281036 (0xFF01634C)
YUV	67.0760, 4.3995, -57.9487
Hunter-Lab	30.7440, -20.2499, 5.4037

Details

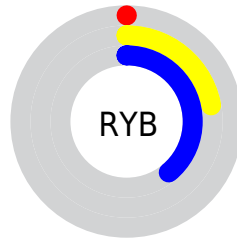
The Hex color **01634C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **630118**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **46977D**, and **003320** is the 20% darker color. If you saturate the color by 10%, you get **00634C**, and if you desaturate by 10%, it is **0B634E**.

Distribution



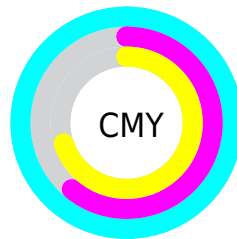
- Red (0%)
- Green (39%)
- Blue (30%)



- Red (0%)
- Yellow (22%)
- Blue (39%)



- Cyan (99%)
- Magenta (0%)
- Yellow (23%)
- Black (61%)




- Cyan (100%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01634C 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 01634C by changing the saturation by 10% instead.

 01634C

 01634C

FFFFFF

 004B35

 46977D

 003320

 61B297

 002009

 7CCDB1


 000000

 98EACD

 B4FFE9

 D0FFFF

 EDFFFF

 01634C

 01634C

■ 00634C

■ 0B634E

■ 156351

■ 1F6353

■ 296355

■ 336358

■ 3C635A

■ 46635C

■ 50635F

■ 5A6361

Harmonies

Analogous

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



386034



01634C



006466

Triad

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



01634C



495487



7F4931

Complementary

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



01634C



630118

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.



874248



01634C



6D4A78

Square

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



01634C



005C89



814261



6E5223

Rectangle

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



01634C



006276



814261



834638

Sweetspot

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



01634C



598077



1A6301



29403A



BFBFBF



404040

Same Dimension

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



01634C



008062



014B63



2C302F



007056



00F0B7

Inverse Universe

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



630118



80001E



631A01



302C2D



70001A



F00038

Previews

White Background



This preview shows how the Hex color 01634C looks on a white background.

Color Contrast Check

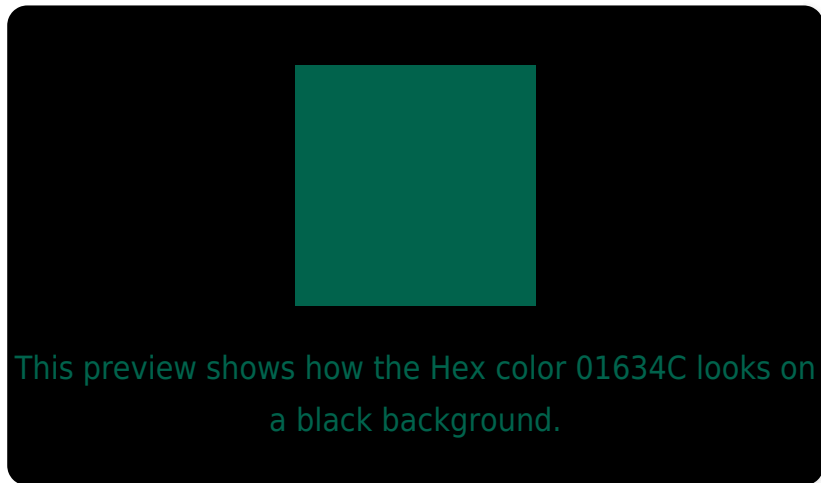
Large Text (above 18pt) WCAG AA ✓ Pass

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

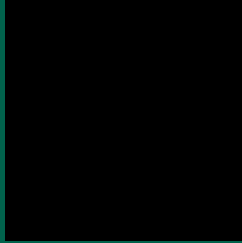
Any Text WCAG AA × Fail

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 01634C Background



This preview shows how black text looks on a background with the Hex color 01634C.



This preview shows how white text looks on a background with the Hex color 01634C.

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
01634C

Protanopia
5C5646

Deuteranopia
62544F



Tritanopia
1F5F67

Trichromacy



Original Color
01634C

Protanomaly
3B5B48

Deuteranomaly
3F594E

Tritanomaly
14605D

Monochromacy



Original Color
01634C

Achromatopsia
434343

Achromatomaly
2B4F46

CSS Examples

Text

The CSS property to change the color of the text to Hex 01634C 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 #01634C looks like.

```
.text, #text, p{  
    color:#01634C  
}
```

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 #01634C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01634C
}
```

Border

The CSS property to change the border of an element to Hex 01634C 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
#01634C }
```

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

```
.border{ border-color:#01634C }
```

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

Here you see how a box with a 4 pixel #01634C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01634C; -webkit-box-shadow:4px 4px  
4px 4px #01634C; box-shadow:4px 4px 4px  
4px #01634C }
```

Background

The CSS property to change the background color of an element to Hex 01634C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01634C }
```

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

```
.background{ background-color:#01634C }
```

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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