

# Converting Colors

Hex(034521)

Have a look what the booklet for  
Hex(034521) contains.

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# Color

**Hex(034521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	034521
RGB	3, 69, 33
RGB Percent	1%, 27%, 13%
CMY	0.9882, 0.7294, 0.8706
CMYK	0.96, 0.00, 0.52, 0.73
HSL	147°, 92%, 14%
HSV	147°, 96%, 27%
XYZ	2.4402, 4.3854, 2.1567
YIQ	45.1620, -27.7800, -25.1880

# Conversions

## Conversions Part 2

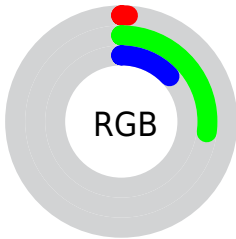
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 48, 69
Decimal	214305
CIE <sub>Lab</sub>	24.91, -28.82, 16.42
CIE <sub>LCh</sub>	25, 33.167, 150.335
Yxy	4.3854, 0.2717, 0.4882
Android (android.graphics.Color)	4278404385 (0xFF034521)
YUV	45.1620, -5.9959, -36.9761
Hunter-Lab	20.9414, -15.8477, 8.5528

# Details

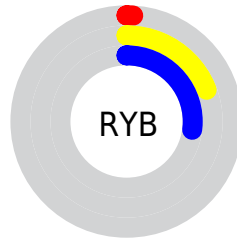
The Hex color **034521** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **450327**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3C764E**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **00451F**, and if you desaturate by 10%, it is **0A4525**.

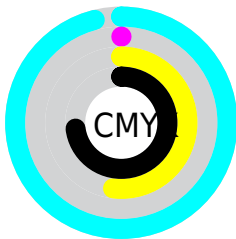
# Distribution



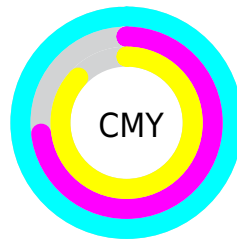
- Red (1%)
- Green (27%)
- Blue (13%)



- Red (1%)
- Yellow (19%)
- Blue (27%)



- Cyan (96%)
- Magenta (0%)
- Yellow (52%)
- Black (73%)



- Cyan (99%)
- Magenta (73%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 034521 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 034521 by changing the saturation by 10% instead.



 034521

 034521

 F9FFFF

 002E0B

 3C764E

 001A00

 559066

 000000

 6FAB7F

 89C699

 A4E2B4

 C0FFD0

 DCF FEC

 034521

 034521

■ 00451F

■ 0A4525

■ 114529

■ 18452C

■ 1F4530

■ 264534

■ 2C4538

■ 33453B

■ 3A453F

■ 414543

# Harmonies

## Analogous

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



2E410B



034521



00473B

# Triad

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



034521



003E6D



662623

# Complementary

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



034521



450327

# 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.



67233C



034521



3B3467

# Square

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



034521



004466



592954



5B300E

# Rectangle

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



034521



00474C



592954



68242B



# Sweetspot

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



034521



3F594B



274503



1E2E25



ADADAD



2E2E2E



# Same Dimension

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



034521



005929



034542



202422



00632D



00E367



# Inverse Universe

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



450327



590031



450306



242022



630036

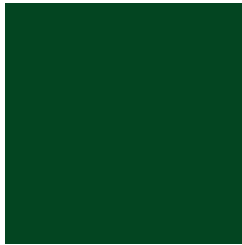


E3007C



# Previews

## White Background



This preview shows how the Hex color 034521 looks on a white background.

## Color Contrast Check

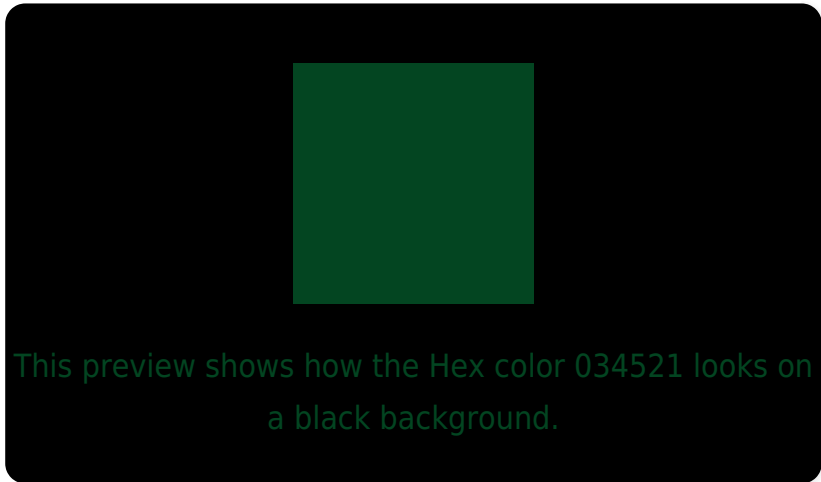
Large Text (above 18pt) WCAG AA ✓ Pass

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

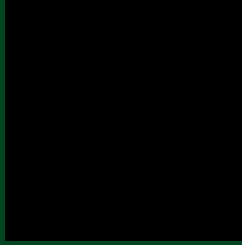
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 034521 Background



This preview shows how black text looks on a background with the Hex color 034521.



This preview shows how white text looks on a background with the Hex color 034521.

# 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**  
034521

**Protanopia**  
423C1E

**Deuteranopia**  
483924



**Tritanopia**  
1B4146

# Trichromacy



**Original Color**  
034521

**Protanomaly**  
2B3F1F

**Deuteranomaly**  
2F3D23

**Tritanomaly**  
124239

# Monochromacy



**Original Color**  
034521

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
1E3629

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 034521 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 #034521 looks like.

```
.text, #text, p{  
    color:#034521  
}
```

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 #034521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034521
}
```

## Border

The CSS property to change the border of an element to Hex 034521 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".

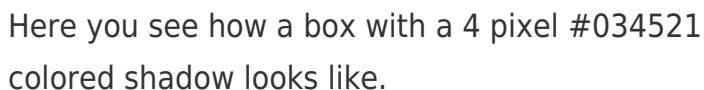
```
.border, #border, table{ border:4px solid
#034521 }
```

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

```
.border{ border-color:#034521 }
```

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

Here you see how a box with a 4 pixel #034521 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034521; -webkit-box-shadow:4px 4px  
4px 4px #034521; box-shadow:4px 4px 4px  
4px #034521 }
```

# Background

The CSS property to change the background color of an element to Hex 034521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034521 }
```

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

```
.background{ background-color:#034521 }
```

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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