

# Converting Colors

Hex(434D0F)

Have a look what the booklet for  
Hex(434D0F) contains.

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**Color**

**Hex(434D0F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	434D0F
RGB	67, 77, 15
RGB Percent	26%, 30%, 6%
CMY	0.7373, 0.6980, 0.9412
CMYK	0.13, 0.00, 0.81, 0.70
HSL	70°, 67%, 18%
HSV	70°, 81%, 30%
XYZ	5.0548, 6.5355, 1.4470
YIQ	66.9420, 13.9420, -21.4020

# Conversions

## Conversions Part 2

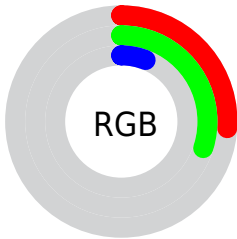
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">15, 77, 25</a>
Decimal	<a href="#">4410639</a>
CIELab	<a href="#">30.73, -13.37, 33.19</a>
CIELCh	<a href="#">31, 35.780, 111.946</a>
Yxy	<a href="#">6.5355, 0.3877, 0.5013</a>
Android (android.graphics.Color)	<a href="#">4282600719 (0xFF434D0F)</a>
YUV	<a href="#">66.9420, -25.6074, 0.0509</a>
Hunter-Lab	<a href="#">25.5647, -9.4439, 14.5394</a>

# Details

The Hex color **434D0F** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **190F4D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **757E3E**, and **142100** is the 20% darker color. If you saturate the color by 10%, you get **424D07**, and if you desaturate by 10%, it is **444D17**.

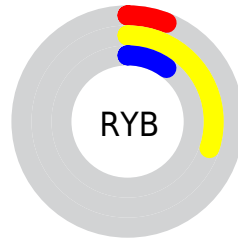
# Distribution



Red (26%)

Green (30%)

Blue (6%)



Red (6%)

Yellow (30%)

Blue (10%)

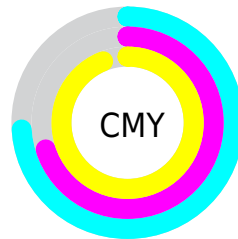


Cyan (13%)

Magenta (0%)

Yellow (81%)

Black (70%)



Cyan (74%)

Magenta (70%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 434D0F 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 434D0F by changing the saturation by 10% instead.



 434D0F

 434D0F

 FFFFF8

 2C3600

 757E3E

 142100

 8F9857

 000500

 ABB270

 000000

 C6CE8A

 E3EAA4

 FFFFC0

 FFFFDC

 434D0F

 434D0F

■ 424D07

■ 444D17

■ 414D00

■ 454D1E

■ 474D26

■ 484D2E

■ 494D36

■ 4A4D3D

■ 4C4D45

■ 4D4D4D

■ 4E4D54

# Harmonies

## Analogous

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



5D440C



434D0F



1F5224

# Triad

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



434D0F



005374



772F51

# Complementary

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



434D0F



190F4D

# 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.



63386B



434D0F



004E80

# Square

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



434D0F



00565C



3B447C



7B3035

# Rectangle

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



434D0F



005536



3B447C



72315A



# Sweetspot

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



434D0F



60634C



4D180F



313324



B3B3B3



333333



# Same Dimension

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



434D0F



546303



254D0F



262622



566600



C0E600



# Inverse Universe

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



190F4D



130363



370F4D



232226



100066

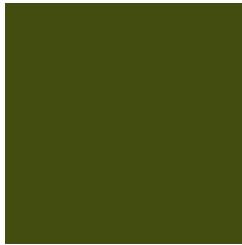


2500E6



# Previews

## White Background



This preview shows how the Hex color 434D0F looks on a white background.

## Color Contrast Check

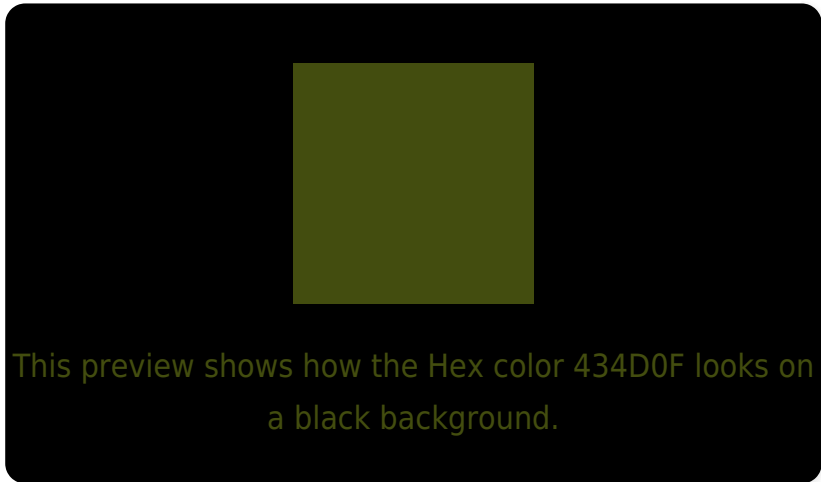
Large Text (above 18pt) WCAG AA ✓ Pass

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

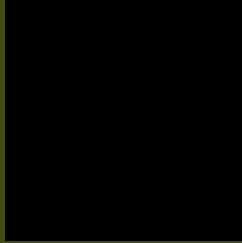
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 434D0F Background



This preview shows how black text looks on a background with the Hex color 434D0F.



This preview shows how white text looks on a background with the Hex color 434D0F.

# 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**  
434D0F

**Protanopia**  
51490E

**Deuteranopia**  
5B4513



**Tritanopia**  
49484D

# Trichromacy



**Original Color**  
434D0F

**Protanomaly**  
4C4A0E

**Deuteranomaly**  
524812

**Tritanomaly**  
474A36

# Monochromacy



**Original Color**  
434D0F

**Achromatopsia**  
434343

**Achromatomaly**  
434730

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 434D0F 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 #434D0F looks like.

```
.text, #text, p{  
    color:#434D0F  
}
```

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 #434D0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434D0F
}
```

## Border

The CSS property to change the border of an element to Hex 434D0F 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
#434D0F }
```

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

```
.border{ border-color:#434D0F }
```

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

Here you see how a box with a 4 pixel #434D0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434D0F; -webkit-box-shadow:4px 4px  
4px 4px #434D0F; box-shadow:4px 4px 4px  
4px #434D0F }
```

# Background

The CSS property to change the background color of an element to Hex 434D0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434D0F }
```

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

```
.background{ background-color:#434D0F }
```

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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