

# Converting Colors

Hex(434020)

Have a look what the booklet for  
Hex(434020) contains.

<b>Hex(434020)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(434020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	434020
RGB	67, 64, 32
RGB Percent	26%, 25%, 13%
CMY	0.7373, 0.7490, 0.8745
CMYK	0.00, 0.04, 0.52, 0.74
HSL	55°, 35%, 19%
HSV	55°, 52%, 26%
XYZ	4.4088, 4.9644, 2.0923
YIQ	61.2490, 12.0600, -9.3160

# Conversions

## Conversions Part 2

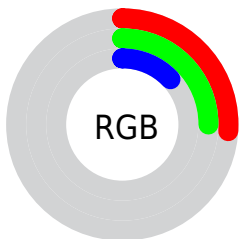
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 67, 32
Decimal	4407328
CIELab	26.63, -4.11, 19.94
CIELCh	27, 20.355, 101.652
Yxy	4.9644, 0.3845, 0.4330
Android (android.graphics.Color)	4282597408 (0xFF434020)
YUV	61.2490, -14.4198, 5.0436
Hunter-Lab	22.2809, -3.6707, 10.0288

# Details

The Hex color **434020** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **202343**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **74704D**, and **161600** is the 20% darker color. If you saturate the color by 10%, you get **433F19**, and if you desaturate by 10%, it is **434127**.

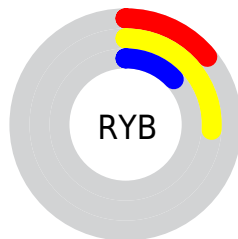
# Distribution



 Red (26%)

 Green (25%)

 Blue (13%)



 Red (14%)

 Yellow (26%)

 Blue (13%)

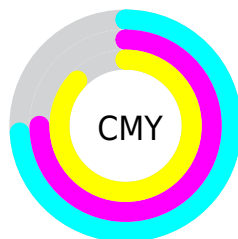



 Cyan (0%)

 Magenta (4%)

 Yellow (52%)

 Black (74%)



 Cyan (74%)

 Magenta (75%)

 Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 434020 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 434020 by changing the saturation by 10% instead.



■ 434020

■ 434020

FFFFFF

■ 2C2A0A

■ 74704D

■ 161600

■ 8E8965

■ 000000

■ A9A37E

■ C4BE98

■ E0DAB3

■ FDF6CF

■ FFFFEB

■ 434020

■ 434020

■ 433F19

■ 434127

■ 433F13

■ 43412D

■ 433E0C

■ 434234

■ 433E05

■ 43423B

■ 433D00

■ 434342

■ 434348

■ 43444F

■ 434556

■ 43455C

# Harmonies

## Analogous

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



513B22



434020



324427

# Triad

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



434020



004653



573449

# Complementary

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



434020



202343

# 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.



483956



434020



14435C

# Square

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



434020



014745



323E5D



5D3339

# Rectangle

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



434020



254630



323E5D



53354E



# Sweetspot

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



434020



575649



432024



2B2B23



ABABAB



2B2B2B



# Same Dimension

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



434020



575220



354320



21211E



615900



E0CD00



# Inverse Universe

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



202343



202557



2E2043



1E1E21



000861



0013E0



# Previews

## White Background



This preview shows how the Hex color 434020 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

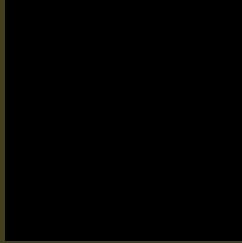
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

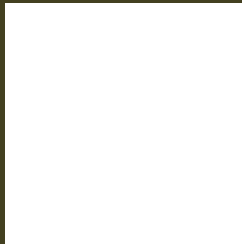
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 434020 Background



This preview shows how black text looks on a background with the Hex color 434020.

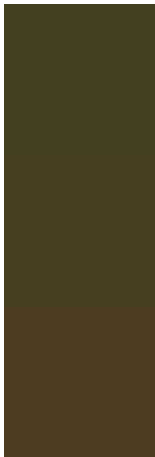


This preview shows how white text looks on a background with the Hex color 434020.

# 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**  
434020

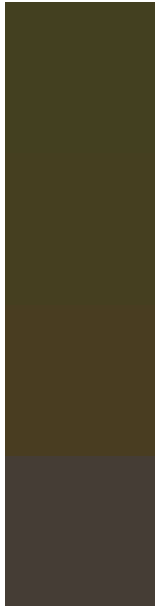
**Protanopia**  
463F20

**Deuteranopia**  
4D3C21



**Tritanopia**  
463C41

# Trichromacy



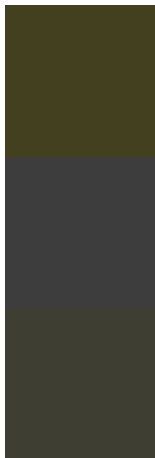
**Original Color**  
434020

**Protanomaly**  
453F20

**Deuteranomaly**  
493D21

**Tritanomaly**  
453D35

# Monochromacy



**Original Color**  
434020

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3F3E32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 434020 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 #434020 looks like.

```
.text, #text, p{  
    color:#434020  
}
```

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 #434020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434020
}
```

## Border

The CSS property to change the border of an element to Hex 434020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

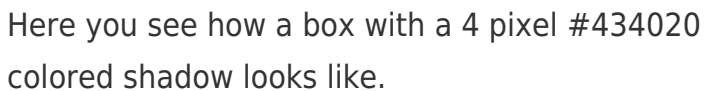
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434020 }
```

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

```
.border{ border-color:#434020 }
```

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



Here you see how a box with a 4 pixel #434020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434020; -webkit-box-shadow:4px 4px  
4px 4px #434020; box-shadow:4px 4px 4px  
4px #434020 }
```

# Background

The CSS property to change the background color of an element to Hex 434020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434020 }
```

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

```
.background{ background-color:#434020 }
```

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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