

# Converting Colors

Hex(504820)

Have a look what the booklet for  
Hex(504820) contains.

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**Color**

**Hex(504820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	504820
RGB	80, 72, 32
RGB Percent	31%, 28%, 13%
CMY	0.6863, 0.7176, 0.8745
CMYK	0.00, 0.10, 0.60, 0.69
HSL	50°, 43%, 22%
HSV	50°, 60%, 31%
XYZ	5.8863, 6.4445, 2.3002
YIQ	69.8320, 17.6080, -10.7440

# Conversions

## Conversions Part 2

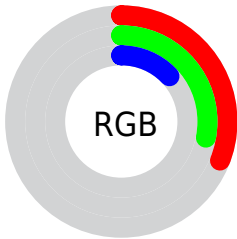
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 80, 32
Decimal	5261344
CIELab	30.51, -2.64, 24.90
CIElCh	31, 25.037, 96.056
Yxy	6.4445, 0.4023, 0.4405
Android (android.graphics.Color)	4283451424 (0xFF504820)
YUV	69.8320, -18.6512, 8.9173
Hunter-Lab	25.3860, -3.0361, 12.3981

# Details

The Hex color **504820** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **202850**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **83784E**, and **221D00** is the 20% darker color. If you saturate the color by 10%, you get **504718**, and if you desaturate by 10%, it is **504928**.

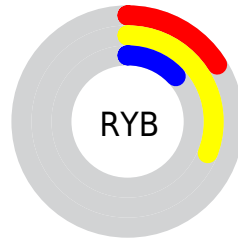
# Distribution



Red (31%)

Green (28%)

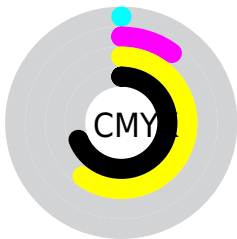
Blue (13%)



Red (16%)

Yellow (31%)

Blue (13%)

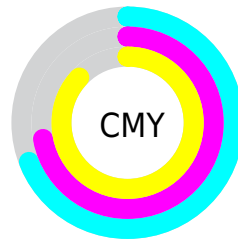


Cyan (0%)

Magenta (10%)

Yellow (60%)

Black (69%)



Cyan (69%)

Magenta (72%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 504820 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 504820 by changing the saturation by 10% instead.



 504820

 504820

FFFFFF

 38320A

 83784E

 221D00

 9D9266

 000300

 B9AC7F

 000000

 D5C899

 F1E4B4

 FFFFD0

 FFFFEC

 504820

 504820

■ 504718

■ 504928

■ 504510

■ 504B30

■ 504408

■ 504C38

■ 504300

■ 504D40

■ 504F48

■ 505050

■ 505158

■ 505360

■ 505468

# Harmonies

## Analogous

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



614124



504820



3B4D27

# Triad

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



504820



00515E



633A58

# Complementary

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



504820



202850

# 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.



4F4167



504820



004E6B

# Square

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



504820



00524B



2F496E



6C3845

# Rectangle

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



504820



2B5031



2F496E



5E3C5E



# Sweetspot

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



504820



696556



502028



36342A



B5B5B5



363636



# Same Dimension

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



504820



695C1D



405020



292825



695700



E8C100



# Inverse Universe

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



202850



1D2A69



302050



252529



001169



0027E8



# Previews

## White Background



This preview shows how the Hex color 504820 looks on a white background.

## Color Contrast Check

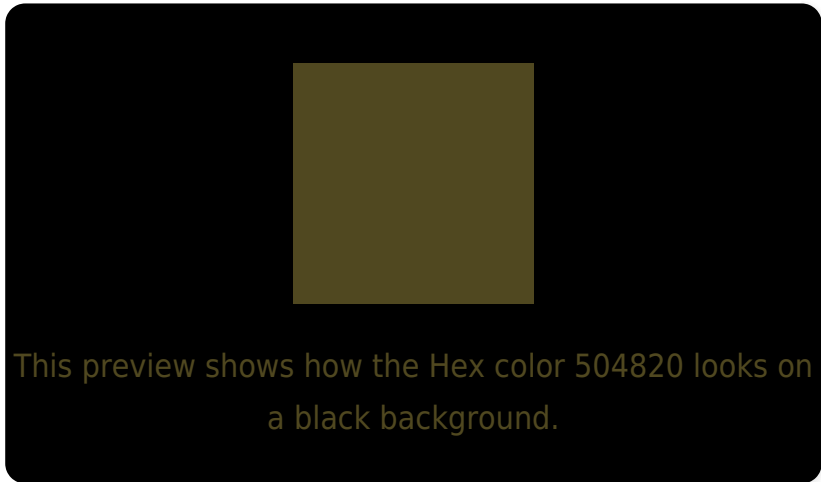
Large Text (above 18pt) WCAG AA ✓ Pass

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

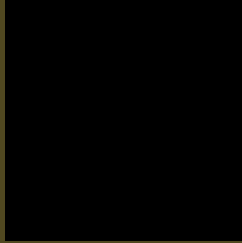
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 504820 Background



This preview shows how black text looks on a background with the Hex color 504820.



This preview shows how white text looks on a background with the Hex color 504820.

# 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**  
504820

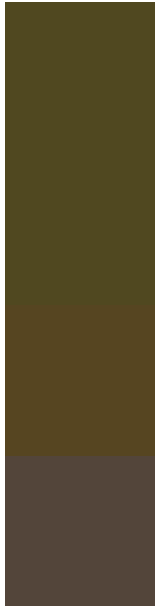
**Protanopia**  
504820

**Deuteranopia**  
594421



**Tritanopia**  
544449

# Trichromacy



**Original Color**  
504820

**Protanomaly**  
504820

**Deuteranomaly**  
564521

**Tritanomaly**  
53453A

# Monochromacy



**Original Color**  
504820

**Achromatopsia**  
464646

**Achromatomaly**  
4A4738

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 504820 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 #504820 looks like.

```
.text, #text, p{  
    color:#504820  
}
```

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 #504820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504820
}
```

## Border

The CSS property to change the border of an element to Hex 504820 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".

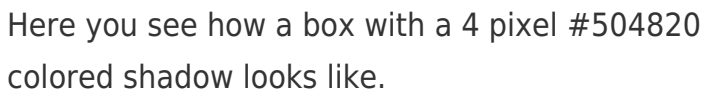
```
.border, #border, table{ border:4px solid
#504820 }
```

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

```
.border{ border-color:#504820 }
```

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

Here you see how a box with a 4 pixel #504820 colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The shadow is cast to the right and bottom of the box, giving it a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #504820 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504820; -webkit-box-shadow:4px 4px  
4px 4px #504820; box-shadow:4px 4px 4px  
4px #504820 }
```

# Background

The CSS property to change the background color of an element to Hex 504820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504820 }
```

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

```
.background{ background-color:#504820 }
```

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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