

# Converting Colors

Hex(514820)

Have a look what the booklet for  
Hex(514820) contains.

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**Color**

**Hex(514820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	514820
RGB	81, 72, 32
RGB Percent	32%, 28%, 13%
CMY	0.6824, 0.7176, 0.8745
CMYK	0.00, 0.11, 0.60, 0.68
HSL	49°, 43%, 22%
HSV	49°, 60%, 32%
XYZ	5.9714, 6.4883, 2.3041
YIQ	70.1310, 18.2040, -10.5320

# Conversions

## Conversions Part 2

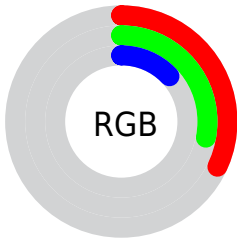
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	43, 81, 32
Decimal	5326880
CIE Lab	30.61, -2.15, 25.05
CIE LCh	31, 25.139, 94.899
Yxy	6.4883, 0.4045, 0.4395
Android (android.graphics.Color)	4283516960 (0xFF514820)
YUV	70.1310, -18.7986, 9.5321
Hunter-Lab	25.4722, -2.7309, 12.4673

# Details

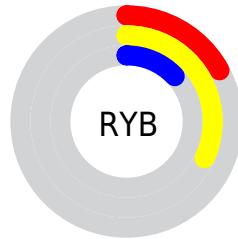
The Hex color **514820** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **202951**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **84784E**, and **231D00** is the 20% darker color. If you saturate the color by 10%, you get **514718**, and if you desaturate by 10%, it is **514928**.

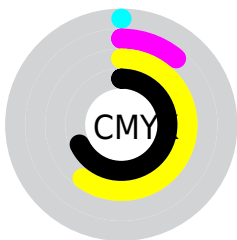
# Distribution



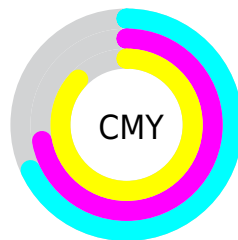
- Red (32%)
- Green (28%)
- Blue (13%)



- Red (17%)
- Yellow (32%)
- Blue (13%)



- Cyan (0%)
- Magenta (11%)
- Yellow (60%)
- Black (68%)




- Cyan (68%)
- Magenta (72%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 514820 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 514820 by changing the saturation by 10% instead.



 514820

 514820

FFFFFF

 39320A

 84784E

 231D00

 9E9266

 000400

 BAAC7F

 000000

 D6C899

 F3E4B4

 FFFFD0

 FFFFEC

 514820

 514820

■ 514718

■ 514928

■ 514510

■ 514B30

■ 514408

■ 514C38

■ 514200

■ 514E40

■ 514F49

■ 515151

■ 515259

■ 515461

■ 515569

# Harmonies

## Analogous

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



614125



514820



3C4D27

# Triad

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



514820



00525E



633B59

# Complementary

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



514820



202951

# 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.



4E4268



514820



004E6B

# Square

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



514820



00524B



2E496F



6D3846

# Rectangle

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



514820



2C5031



2E496F



5D3D5F



# Sweetspot

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



514820



696556



51202A



36332A



B5B5B5



363636



# Same Dimension

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



514820



695B1C



425120



292825



695500



E8BD00



# Inverse Universe

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



202951



1C2A69



2F2051



252529



001369



002BE8



# Previews

## White Background



This preview shows how the Hex color 514820 looks on a white background.

## Color Contrast Check

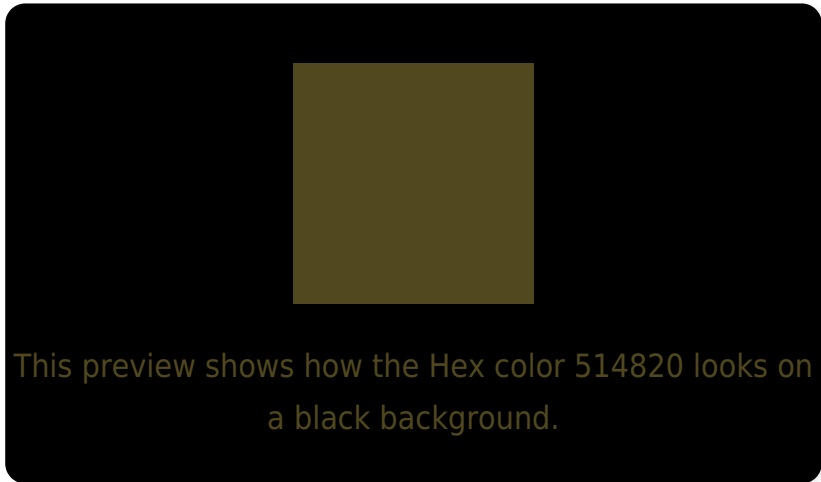
Large Text (above 18pt) WCAG AA ✓ Pass

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

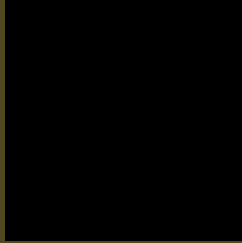
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 514820 Background



This preview shows how black text looks on a background with the Hex color 514820.

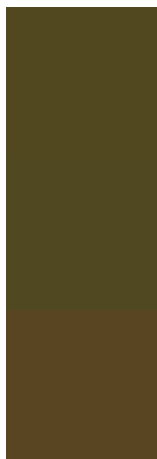


This preview shows how white text looks on a background with the Hex color 514820.

# 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**

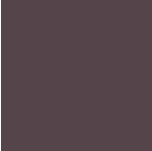
514820

**Protanopia**

504820

**Deuteranopia**

594521



**Tritanopia**  
554449

# Trichromacy



**Original Color**  
514820

**Protanomaly**  
504820

**Deuteranomaly**  
564621

**Tritanomaly**  
54453A

# Monochromacy



**Original Color**  
514820

**Achromatopsia**  
464646

**Achromatomaly**  
4A4738

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 514820 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 #514820 looks like.

```
.text, #text, p{  
    color:#514820  
}
```

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 #514820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #514820
}
```

## Border

The CSS property to change the border of an element to Hex 514820 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".

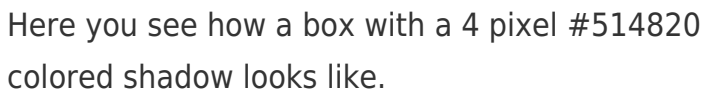
```
.border, #border, table{ border:4px solid
#514820 }
```

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

```
.border{ border-color:#514820 }
```

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

Here you see how a box with a 4 pixel #514820 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #514820; -webkit-box-shadow:4px 4px  
4px 4px #514820; box-shadow:4px 4px 4px  
4px #514820 }
```

# Background

The CSS property to change the background color of an element to Hex 514820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#514820 }
```

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

```
.background{ background-color:#514820 }
```

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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