

# Converting Colors

Hex(511520)

Have a look what the booklet for  
Hex(511520) contains.

<b>Hex(511520)</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(511520)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	511520
RGB	81, 21, 32
RGB Percent	32%, 8%, 13%
CMY	0.6824, 0.9176, 0.8745
CMYK	0.00, 0.74, 0.60, 0.68
HSL	349°, 59%, 20%
HSV	349°, 74%, 32%
XYZ	3.9222, 2.3899, 1.6211
YIQ	40.1940, 32.2290, 16.1410

# Conversions

## Conversions Part 2

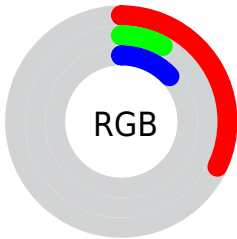
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 21, 32
Decimal	5313824
CIELab	17.41, 28.76, 8.41
CIELCh	17, 29.964, 16.296
Yxy	2.3899, 0.4944, 0.3013
Android (android.graphics.Color)	4283503904 (0xFF511520)
YUV	40.1940, -4.0396, 35.7869
Hunter-Lab	15.4594, 18.2332, 4.6045

# Details

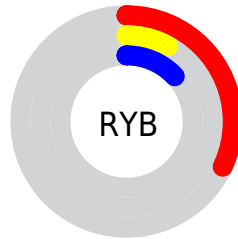
The Hex color **511520** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **155146**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **86444C**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **510D19**, and if you desaturate by 10%, it is **511D27**.

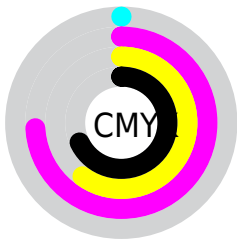
# Distribution



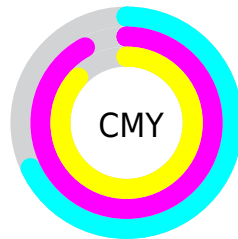
- Red (32%)
- Green (8%)
- Blue (13%)



- Red (32%)
- Yellow (8%)
- Blue (13%)



- Cyan (0%)
- Magenta (74%)
- Yellow (60%)
- Black (68%)




- Cyan (68%)
- Magenta (92%)
- Yellow (87%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 511520 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 511520 by changing the saturation by 10% instead.



 511520

 511520

FFFFFF

 380008

 86444C

 1F0001

 A15D64

 000000


 BE767C


 DA9096

 F7ABB1

 FFC7CC

 FFE3E8

 511520

 511520

■ 510D19

■ 511D27

■ 510513

■ 51252D

■ 51000F

■ 512D34

■ 51353A

■ 513E41

■ 514648

■ 514E4E

■ 515655

■ 515E5C

# Harmonies

## Analogous

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



4C1636



511520



4B1D0B

# Triad

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



511520



103209



003055

# Complementary

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



511520



155146

# 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.



00344A



511520



003420

# Square

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



511520



2B2D00



003536



142954

# Rectangle

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



511520



432300



003536



003252



# Sweetspot

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



511520



695256



461551



36282A



B5B5B5



363636



# Same Dimension

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



511520



690C1D



512815



292525



690013



E8002B



# Inverse Universe

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



511520



690C1D



153E51



292525



690013

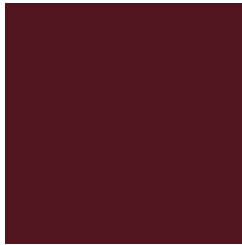


E8002B



# Previews

## White Background



This preview shows how the Hex color 511520 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 511520 Background



This preview shows how black text looks on a background with the Hex color 511520.



This preview shows how white text looks on a background with the Hex color 511520.

# 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**  
511520

**Protanopia**  
2E2C2A

**Deuteranopia**  
352B1D



**Tritanopia**  
511718

# Trichromacy



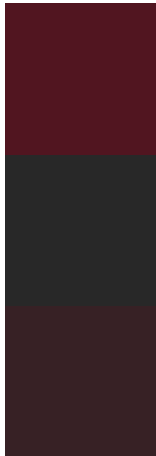
**Original Color**  
511520

**Protanomaly**  
3B2426

**Deuteranomaly**  
3F231E

**Tritanomaly**  
51161B

# Monochromacy



**Original Color**  
511520

**Achromatopsia**  
282828

**Achromatomaly**  
372125

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 511520 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 #511520 looks like.

```
.text, #text, p{  
    color:#511520  
}
```

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 #511520 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #511520
}
```

## Border

The CSS property to change the border of an element to Hex 511520 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".

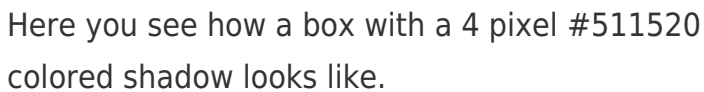
```
.border, #border, table{ border:4px solid
#511520 }
```

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

```
.border{ border-color:#511520 }
```

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

Here you see how a box with a 4 pixel #511520 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #511520 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #511520; -webkit-box-shadow:4px 4px  
4px 4px #511520; box-shadow:4px 4px 4px  
4px #511520 }
```

# Background

The CSS property to change the background color of an element to Hex 511520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#511520 }
```

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

```
.background{ background-color:#511520 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor