

# Converting Colors

Hex(4D1420)

Have a look what the booklet for  
Hex(4D1420) contains.

<b>Hex(4D1420)</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(4D1420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D1420
RGB	77, 20, 32
RGB Percent	30%, 8%, 13%
CMY	0.6980, 0.9216, 0.8745
CMYK	0.00, 0.74, 0.58, 0.70
HSL	347°, 59%, 19%
HSV	347°, 74%, 30%
XYZ	3.5714, 2.1824, 1.5995
YIQ	38.4110, 30.1200, 15.8160

# Conversions

## Conversions Part 2

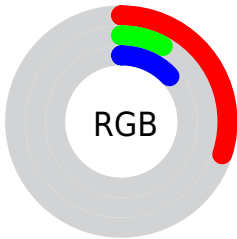
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 20, 32
Decimal	5051424
CIE <sub>Lab</sub>	16.42, 27.74, 6.91
CIE <sub>LCh</sub>	16, 28.591, 13.983
Yxy	2.1824, 0.4857, 0.2968
Android (android.graphics.Color)	4283241504 (0xFF4D1420)
YUV	38.4110, -3.1606, 33.8426
Hunter-Lab	14.7729, 17.3010, 3.9215

# Details

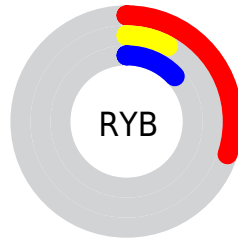
The Hex color **4D1420** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **144D41**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **81434C**, and **190001** is the 20% darker color. If you saturate the color by 10%, you get **4D0C1A**, and if you desaturate by 10%, it is **4D1C26**.

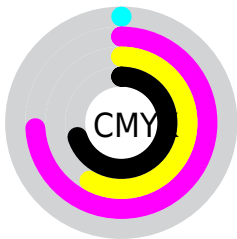
# Distribution



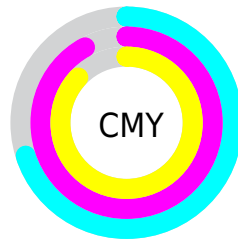
- Red (30%)
- Green (8%)
- Blue (13%)



- Red (30%)
- Yellow (8%)
- Blue (13%)



- Cyan (0%)
- Magenta (74%)
- Yellow (58%)
- Black (70%)



- Cyan (70%)
- Magenta (92%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D1420 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 4D1420 by changing the saturation by 10% instead.



 4D1420

 4D1420

FFFEFF

 350008

 81434C

 190001

 9D5B64

 000000

 B8757C

 D58F96

 F2A9B1

 FFC5CC

 FFE1E8

 4D1420

 4D1420

■ 4D0C1A

■ 4D1C26

■ 4D0514

■ 4D232C

■ 4D0010

■ 4D2B32

■ 4D3338

■ 4D3B3E

■ 4D4244

■ 4D4A4B

■ 4D5251

■ 4D5957

# Harmonies

## Analogous

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



481634



4D1420



481B0C

# Triad

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



4D1420



122F07



002E50

# Complementary

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



4D1420



144D41

# 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.



003145



4D1420



00311D

# Square

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



4D1420



2B2B00



003232



0E2850

# Rectangle

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



4D1420



412100



003232



002F4D



# Sweetspot

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



4D1420



634E52



41144D



332629



B3B3B3



333333



# Same Dimension

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



4D1420



630B1E



4D2414



262223



660015



E60030



# Inverse Universe

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



4D1420



630B1E



143D4D



262223



660015

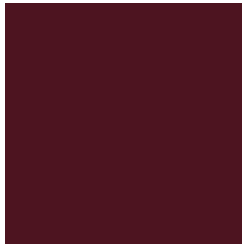


E60030



# Previews

## White Background



This preview shows how the Hex color 4D1420 looks on a white background.

## Color Contrast Check

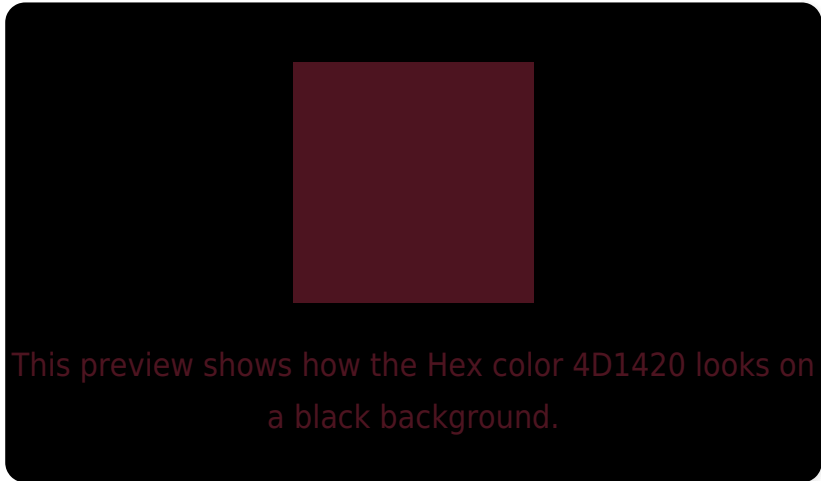
Large Text (above 18pt) WCAG AA ✓ Pass

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

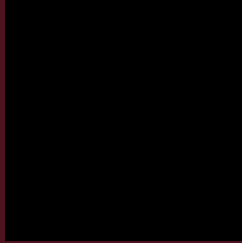
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D1420 Background



This preview shows how black text looks on a background with the Hex color 4D1420.



This preview shows how white text looks on a background with the Hex color 4D1420.

# 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**  
4D1420

**Protanopia**  
2B2A2A

**Deuteranopia**  
33291D



**Tritanopia**  
4D1617

# Trichromacy



**Original Color**

4D1420

**Protanomaly**

372226

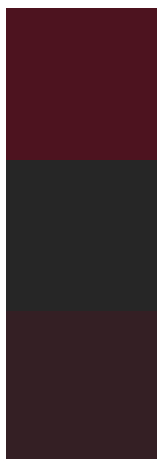
**Deuteranomaly**

3C211E

**Tritanomaly**

4D151A

# Monochromacy



**Original Color**

4D1420

**Achromatopsia**

262626

**Achromatomaly**

341F24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D1420 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 #4D1420 looks like.

```
.text, #text, p{  
    color:#4D1420  
}
```

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 #4D1420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D1420
}
```

## Border

The CSS property to change the border of an element to Hex 4D1420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

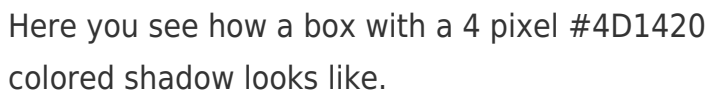
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D1420 }
```

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

```
.border{ border-color:#4D1420 }
```

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



Here you see how a box with a 4 pixel #4D1420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D1420; -webkit-box-shadow:4px 4px  
4px 4px #4D1420; box-shadow:4px 4px 4px  
4px #4D1420 }
```

# Background

The CSS property to change the background color of an element to Hex 4D1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D1420 }
```

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

```
.background{ background-color:#4D1420 }
```

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