

# Converting Colors

Hex(420D0E)

Have a look what the booklet for  
Hex(420D0E) contains.

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**Color**

**Hex(420D0E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	420D0E
RGB	66, 13, 14
RGB Percent	26%, 5%, 5%
CMY	0.7412, 0.9490, 0.9451
CMYK	0.00, 0.80, 0.79, 0.74
HSL	359°, 67%, 15%
HSV	359°, 80%, 26%
XYZ	2.4700, 1.4778, 0.5705
YIQ	28.9610, 31.2670, 11.5470

# Conversions

## Conversions Part 2

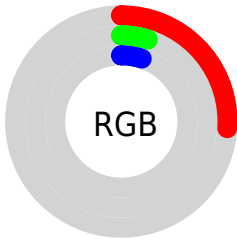
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 13, 14
Decimal	4328718
CIE <sub>Lab</sub>	12.47, 25.40, 13.33
CIE <sub>LCh</sub>	12, 28.687, 27.696
Yxy	1.4778, 0.5467, 0.3271
Android (android.graphics.Color)	4282518798 (0xFF420D0E)
YUV	28.9610, -7.3758, 32.4832
Hunter-Lab	12.1565, 14.9937, 5.7270

# Details

The Hex color **420D0E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0D4241**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **763B39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420608**, and if you desaturate by 10%, it is **421414**.

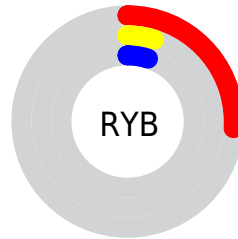
# Distribution



Red (26%)

Green (5%)

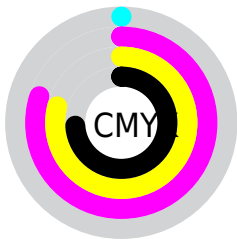
Blue (5%)



Red (26%)

Yellow (5%)

Blue (5%)

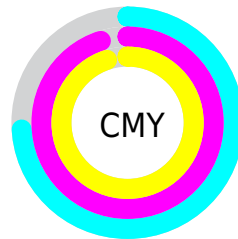


Cyan (0%)

Magenta (80%)

Yellow (79%)

Black (74%)



Cyan (74%)

Magenta (95%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 420D0E 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 420D0E by changing the saturation by 10% instead.



 420D0E


 420D0E

 FFF4ED

 2B0000

 763B39

 000000

 915350

 AD6C68

 C98681

 E6A09B

 FFBBB5

 FFD7D1

 420D0E

 420D0E

■ 420608

■ 421414

■ 420001

■ 421A1B

■ 422121

■ 422728

■ 422E2E

■ 423535

■ 423B3B

■ 424242

■ 424848

# Harmonies

## Analogous

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



420A23



420D0E



3A1700

# Triad

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



420D0E



002806



002348

# Complementary

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



420D0E



0D4241

# 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.



002842



420D0E



00291E

# Square

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



420D0E



192500



002932



1B1C44

# Rectangle

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



420D0E



301D00



002932



002547



# Sweetspot

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



420D0E



574242



400D42



2B1F1F



ABABAB



2B2B2B



# Same Dimension

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



420D0E



570305



42260D



211E1E



610002



E00004



# Inverse Universe

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



420D0E



570305



0D2942



211E1E



610002

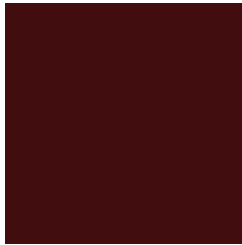


E00004



# Previews

## White Background



This preview shows how the Hex color 420D0E 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

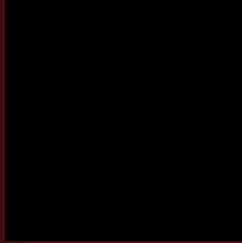
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 420D0E Background



This preview shows how black text looks on a background with the Hex color 420D0E.

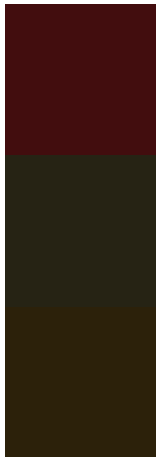


This preview shows how white text looks on a background with the Hex color 420D0E.

# 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**  
420D0E

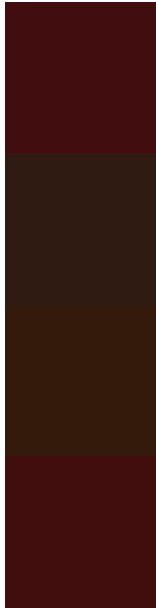
**Protanopia**  
262314

**Deuteranopia**  
2C210A



**Tritanopia**  
420D0D

# Trichromacy



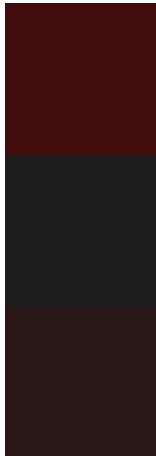
**Original Color**  
420D0E

**Protanomaly**  
301B12

**Deuteranomaly**  
341A0B

**Tritanomaly**  
420D0D

# Monochromacy



**Original Color**  
420D0E

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
2A1718

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 420D0E 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 #420D0E looks like.

```
.text, #text, p{  
    color:#420D0E  
}
```

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 #420D0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420D0E
}
```

## Border

The CSS property to change the border of an element to Hex 420D0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

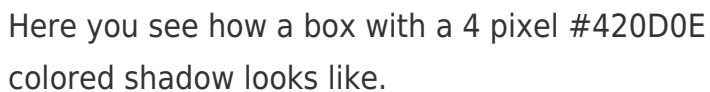
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#420D0E }
```

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

```
.border{ border-color:#420D0E }
```

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



Here you see how a box with a 4 pixel #420D0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420D0E; -webkit-box-shadow:4px 4px  
4px 4px #420D0E; box-shadow:4px 4px 4px  
4px #420D0E }
```

# Background

The CSS property to change the background color of an element to Hex 420D0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420D0E }
```

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

```
.background{ background-color:#420D0E }
```

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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