

# Converting Colors

Hex(4D2E10)

Have a look what the booklet for  
Hex(4D2E10) contains.

<b>Hex(4D2E10)</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(4D2E10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D2E10
RGB	77, 46, 16
RGB Percent	30%, 18%, 6%
CMY	0.6980, 0.8196, 0.9373
CMYK	0.00, 0.40, 0.79, 0.70
HSL	30°, 66%, 18%
HSV	30°, 79%, 30%
XYZ	4.1311, 3.5692, 0.9614
YIQ	51.8490, 28.1060, -2.7580

# Conversions

## Conversions Part 2

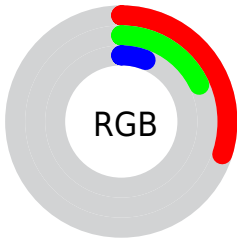
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 75, 16
Decimal	5058064
CIELab	22.19, 11.17, 24.51
CIELCh	22, 26.939, 65.495
Yxy	3.5692, 0.4769, 0.4121
Android (android.graphics.Color)	4283248144 (0xFF4D2E10)
YUV	51.8490, -17.6736, 22.0574
Hunter-Lab	18.8923, 5.9703, 10.2074

# Details

The Hex color **4D2E10** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **102F4D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **815C3C**, and **1D0000** is the 20% darker color. If you saturate the color by 10%, you get **4D2A08**, and if you desaturate by 10%, it is **4D3218**.

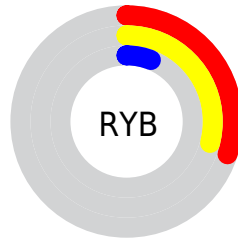
# Distribution



Red (30%)

Green (18%)

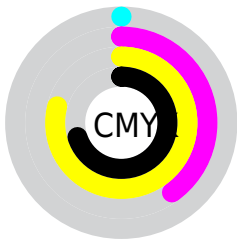
Blue (6%)



Red (30%)

Yellow (29%)

Blue (6%)

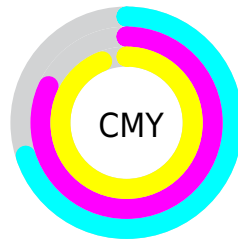


Cyan (0%)

Magenta (40%)

Yellow (79%)

Black (70%)



Cyan (70%)

Magenta (82%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D2E10 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 4D2E10 by changing the saturation by 10% instead.



 4D2E10

 4D2E10

 FFFFF3

 351900

 815C3C

 1D0000

 9C7553

 000000

 B88E6B

 D4A985

 F1C49F

 FFE0BA

 FFFCD6

 4D2E10

 4D2E10

■ 4D2A08

■ 4D3218

■ 4D2601

■ 4D361F

■ 4D2600

■ 4D3A27

■ 4D3E2F

■ 4D4237

■ 4D453E

■ 4D4946

■ 4D4D4E

■ 4D5155

# Harmonies

## Analogous

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



58261F



4D2E10



3D350A

# Triad

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



4D2E10



003F38



3B2E56

# Complementary

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



4D2E10



102F4D

# 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.



13365D



4D2E10



003E4C

# Square

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



4D2E10



063E24



003C59



502646

# Rectangle

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



4D2E10



2F390E



003C59



313159



# Sweetspot

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



4D2E10



63574C



4D1030



332B24



B3B3B3



333333



# Same Dimension

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



4D2E10



633305



4D4C10



262422



663200



E67100



# Inverse Universe

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



102F4D



053563



10114D



222426



003466



0075E6



# Previews

## White Background



This preview shows how the Hex color 4D2E10 looks on a white background.

## Color Contrast Check

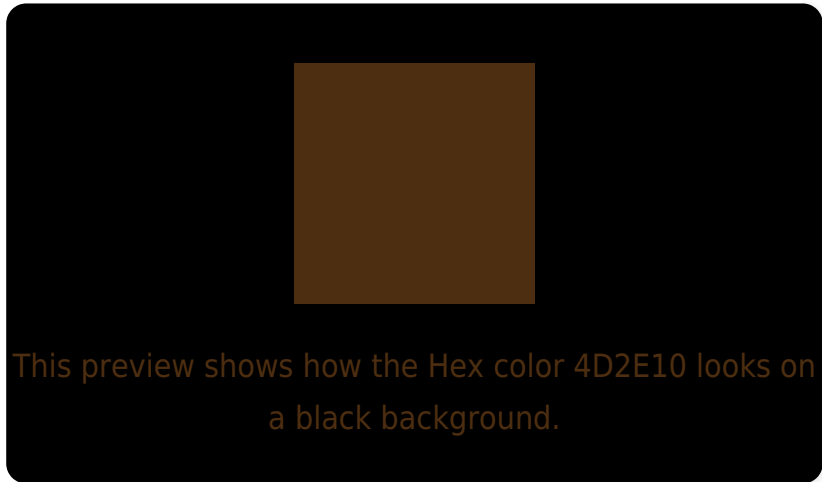
Large Text (above 18pt) WCAG AA ✓ Pass

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

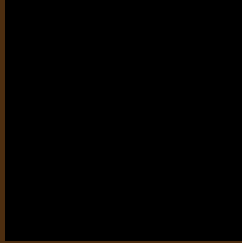
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D2E10 Background



This preview shows how black text looks on a background with the Hex color 4D2E10.



This preview shows how white text looks on a background with the Hex color 4D2E10.

# 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**  
4D2E10

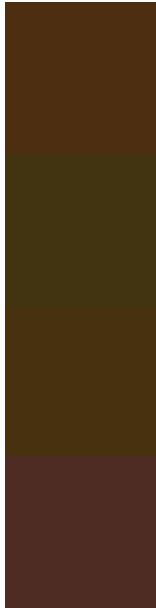
**Protanopia**  
3C3612

**Deuteranopia**  
43330E



**Tritanopia**  
4F2B2E

# Trichromacy



**Original Color**  
4D2E10

**Protanomaly**  
423311

**Deuteranomaly**  
47310F

**Tritanomaly**  
4E2C23

# Monochromacy



**Original Color**  
4D2E10

**Achromatopsia**  
343434

**Achromatomaly**  
3D3227

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D2E10 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 #4D2E10 looks like.

```
.text, #text, p{  
    color:#4D2E10  
}
```

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 #4D2E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2E10  
}
```

## Border

The CSS property to change the border of an element to Hex 4D2E10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

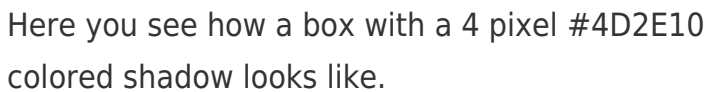
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D2E10 }
```

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

```
.border{ border-color:#4D2E10 }
```

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



Here you see how a box with a 4 pixel #4D2E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2E10; -webkit-box-shadow:4px 4px  
4px 4px #4D2E10; box-shadow:4px 4px 4px  
4px #4D2E10 }
```

# Background

The CSS property to change the background color of an element to Hex 4D2E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2E10 }
```

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

```
.background{ background-color:#4D2E10 }
```

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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