

# Converting Colors

Hex(2C480E)

Have a look what the booklet for  
Hex(2C480E) contains.

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# Color

**Hex(2C480E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C480E
RGB	44, 72, 14
RGB Percent	17%, 28%, 5%
CMY	0.8275, 0.7176, 0.9451
CMYK	0.39, 0.00, 0.81, 0.72
HSL	89°, 67%, 17%
HSV	89°, 81%, 28%
XYZ	3.4353, 5.2019, 1.2385
YIQ	57.0160, 1.9300, -23.9740

# Conversions

## Conversions Part 2

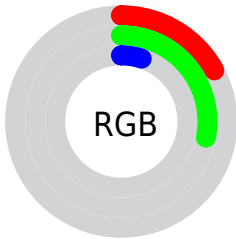
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 72, 42
Decimal	2902030
CIELab	27.30, -21.33, 29.68
CIELCh	27, 36.552, 125.706
Yxy	5.2019, 0.3479, 0.5267
Android (android.graphics.Color)	4281092110 (0xFF2C480E)
YUV	57.0160, -21.2069, -11.4150
Hunter-Lab	22.8077, -13.0275, 12.7459

# Details

The Hex color **2C480E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2A0E48**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5C793C**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **294807**, and if you desaturate by 10%, it is **2F4815**.

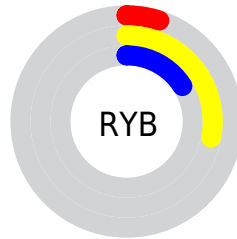
# Distribution



Red (17%)

Green (28%)

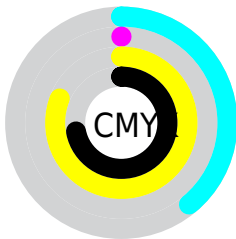
Blue (5%)



Red (5%)

Yellow (28%)

Blue (16%)

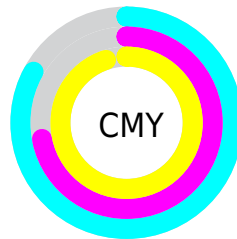


Cyan (39%)

Magenta (0%)

Yellow (81%)

Black (72%)



Cyan (83%)

Magenta (72%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C480E 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 2C480E by changing the saturation by 10% instead.





2C480E



2C480E



FFFFFF5



173100



5C793C



001E00



769354



000000



90AD6D



ABC987



C7E5A1



E3FFBD



FFFFD9



2C480E



2C480E

■ 294807

■ 2F4815

■ 254800

■ 33481C

■ 364824

■ 3A482B

■ 3D4832

■ 414839

■ 444840

■ 484848

■ 4B484F

# Harmonies

## Analogous

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



494100



2C480E



004C28

# Triad

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



2C480E



004973



72243C

# Complementary

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



2C480E



2A0E48

# 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.



662A58



2C480E



004278

# Square

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



2C480E



004D61



48376E



6F2B21

# Rectangle

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



2C480E



004D3B



48376E



702546



# Sweetspot

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



2C480E



535E48



48290E



2A3022



B0B0B0



303030



# Same Dimension

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



2C480E



325E03



10480E



222420



336300



75E300



# Inverse Universe

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



2A0E48



2F035E



460E48



222024



300063



6E00E3



# Previews

## White Background



This preview shows how the Hex color 2C480E 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

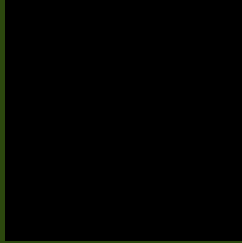
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C480E Background



This preview shows how black text looks on a background with the Hex color 2C480E.



This preview shows how white text looks on a background with the Hex color 2C480E.

# 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](#).

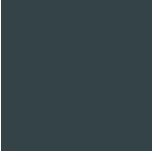
## Dichromacy



**Original Color**  
2C480E

**Protanopia**  
49410C

**Deuteranopia**  
513D13



**Tritanopia**  
344348

# Trichromacy



**Original Color**  
2C480E

**Protanomaly**  
3E440D

**Deuteranomaly**  
444111

**Tritanomaly**  
314533

# Monochromacy



**Original Color**  
2C480E

**Achromatopsia**  
393939

**Achromatomaly**  
343E29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C480E 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 #2C480E looks like.

```
.text, #text, p{  
    color:#2C480E  
}
```

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 #2C480E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C480E
}
```

## Border

The CSS property to change the border of an element to Hex 2C480E is called "border". The border property can be set on classes, ids or directly on the HTML element.

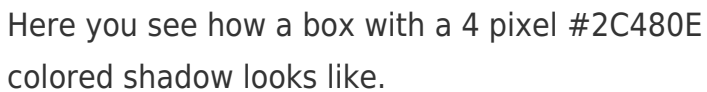
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C480E }
```

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

```
.border{ border-color:#2C480E }
```

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



Here you see how a box with a 4 pixel #2C480E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C480E; -webkit-box-shadow:4px 4px  
4px 4px #2C480E; box-shadow:4px 4px 4px  
4px #2C480E }
```

# Background

The CSS property to change the background color of an element to Hex 2C480E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C480E }
```

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

```
.background{ background-color:#2C480E }
```

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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