

Converting Colors

Hex(46391A)

Have a look what the booklet for
Hex(46391A) contains.

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Color

Hex(46391A)

Conversions

Conversions Part 1

Format	Color
Hex	46391A
RGB	70, 57, 26
RGB Percent	27%, 22%, 10%
CMY	0.7255, 0.7765, 0.8980
CMYK	0.00, 0.19, 0.63, 0.73
HSL	42°, 46%, 19%
HSV	42°, 63%, 27%
XYZ	4.1754, 4.3029, 1.5878
YIQ	57.3530, 17.6990, -6.8850

Conversions

Conversions Part 2

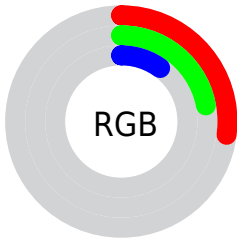
Format	Color
R_{YB}	44, 70, 26
Decimal	4602138
CIE Lab	24.65, 1.21, 21.22
CIE LCh	25, 21.256, 86.727
Yxy	4.3029, 0.4148, 0.4275
Android (android.graphics.Color)	4282792218 (0xFF46391A)
YUV	57.3530, -15.4570, 11.0914
Hunter-Lab	20.7435, -0.3716, 9.9822

Details

The Hex color **46391A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A2746**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **786846**, and **180F00** is the 20% darker color. If you saturate the color by 10%, you get **463713**, and if you desaturate by 10%, it is **463B21**.

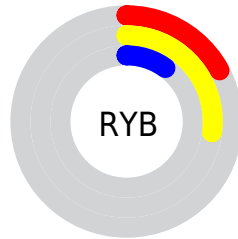
Distribution



 Red (27%)

 Green (22%)

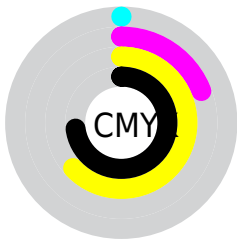
 Blue (10%)



 Red (17%)

 Yellow (27%)

 Blue (10%)

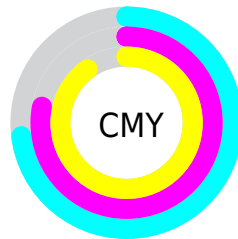


 Cyan (0%)

 Magenta (19%)

 Yellow (63%)

 Black (73%)



 Cyan (73%)

 Magenta (78%)

 Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46391A 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 46391A by changing the saturation by 10% instead.

■ 46391A

■ 46391A

FFFFFF

■ 2F2401

■ 786846

■ 180F00

■ 92815E

■ 000000

■ AD9B77

■ C9B691

■ E5D1AC

■ FFEDC7

■ FFFF E3

■ 46391A

■ 46391A

■ 463713

■ 463B21

■ 46350C

■ 463D28

■ 463305

■ 463F2F

■ 463100

■ 464136

■ 46433D

■ 464544

■ 46474B

■ 464A52

■ 464C59

Harmonies

Analogous

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



523320



46391A



363E1D

Triad

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



46391A



004348



4D314C

Complementary

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



46391A



1A2746

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.



393757



46391A



004155

Square

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



46391A



054338



1D3D5A



572E3D

Rectangle

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



46391A



2A4024



1D3D5A



473351

Sweetspot

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



46391A



5C574A



461A27



2E2B23



ADADAD



2E2E2E

Same Dimension

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



46391A



5C4717



3D461A



242320



634600



E3A000

Inverse Universe

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



1A2746



172B5C



231A46



202124



001D63



0043E3

Previews

White Background



This preview shows how the Hex color 46391A looks on a white background.

Color Contrast Check

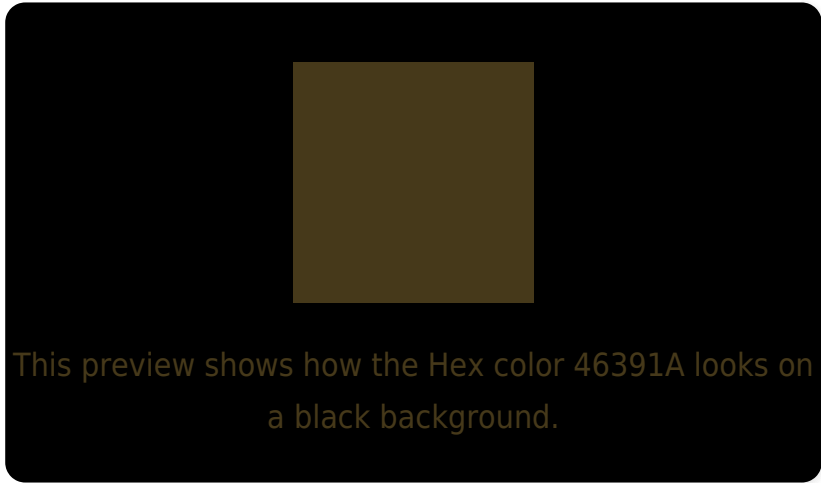
Large Text (above 18pt) WCAG AA ✓ Pass

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

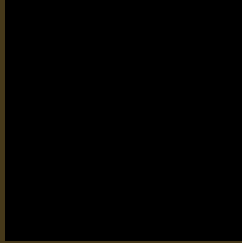
Any Text WCAG AA × Fail

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 46391A Background



This preview shows how black text looks on a background with the Hex color 46391A.



This preview shows how white text looks on a background with the Hex color 46391A.

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](#).

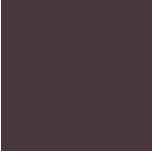
Dichromacy



Original Color
46391A

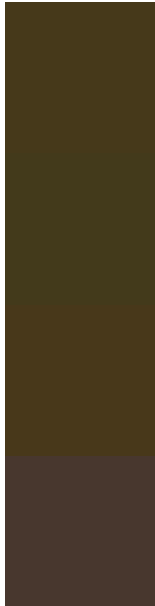
Protanopia
413B1B

Deuteranopia
49381A



Tritanopia
49363A

Trichromacy



Original Color
46391A

Protanomaly
433A1B

Deuteranomaly
48381A

Tritanomaly
48372E

Monochromacy



Original Color
46391A

Achromatopsia
393939

Achromatomaly
3E392E

CSS Examples

Text

The CSS property to change the color of the text to Hex 46391A 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 #46391A looks like.

```
.text, #text, p{  
    color:#46391A  
}
```

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 #46391A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46391A
}
```

Border

The CSS property to change the border of an element to Hex 46391A 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".

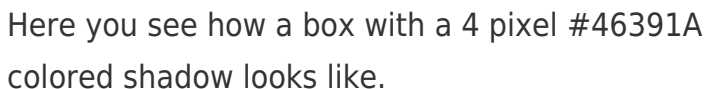
```
.border, #border, table{ border:4px solid
#46391A }
```

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

```
.border{ border-color:#46391A }
```

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

Here you see how a box with a 4 pixel #46391A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46391A; -webkit-box-shadow:4px 4px  
4px 4px #46391A; box-shadow:4px 4px 4px  
4px #46391A }
```

Background

The CSS property to change the background color of an element to Hex 46391A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46391A }
```

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

```
.background{ background-color:#46391A }
```

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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