

Converting Colors

Hex(42261A)

Have a look what the booklet for
Hex(42261A) contains.

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Color

Hex(42261A)

Conversions

Conversions Part 1

Format	Color
Hex	42261A
RGB	66, 38, 26
RGB Percent	26%, 15%, 10%
CMY	0.7412, 0.8510, 0.8980
CMYK	0.00, 0.42, 0.61, 0.74
HSL	18°, 43%, 18%
HSV	18°, 61%, 26%
XYZ	3.1263, 2.6191, 1.3180
YIQ	45.0040, 20.5400, 2.2040

Conversions

Conversions Part 2

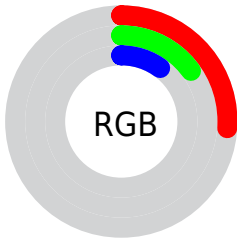
Format	Color
RYB	66, 43, 26
Decimal	4335130
CIELab	18.45, 11.72, 13.47
CIElCh	18, 17.855, 48.988
Yxy	2.6191, 0.4426, 0.3708
Android (android.graphics.Color)	4282525210 (0xFF42261A)
YUV	45.0040, -9.3690, 18.4135
Hunter-Lab	16.1835, 6.1615, 6.4997

Details

The Hex color **42261A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1A3642**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **745345**, and **0D0000** is the 20% darker color. If you saturate the color by 10%, you get **422113**, and if you desaturate by 10%, it is **422B21**.

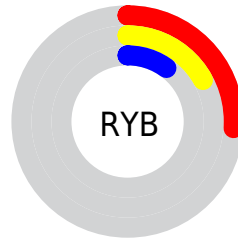
Distribution



Red (26%)

Green (15%)

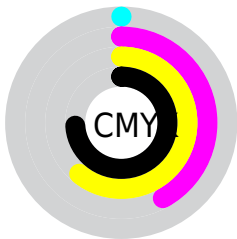
Blue (10%)



Red (26%)

Yellow (17%)

Blue (10%)

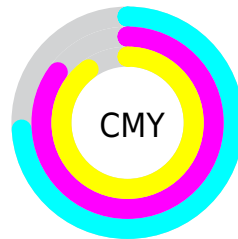


Cyan (0%)

Magenta (42%)

Yellow (61%)

Black (74%)



Cyan (74%)

Magenta (85%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42261A 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 42261A by changing the saturation by 10% instead.



42261A



42261A

FFFFFFE



2C1100



745345



0D0000



8E6B5D



000000



A98576



C59F8F



E1BAAA



FED6C5



FFF2E1



42261A



42261A

■ 422113

■ 422B21

■ 421D0D

■ 422F27

■ 421806

■ 42342E

■ 421400

■ 423834

■ 423D3B

■ 424242

■ 424648

■ 424B4F

■ 425055

Harmonies

Analogous

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



462325



42261A



392B13

Triad

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



42261A



0A3328



272B45

Complementary

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



42261A



1A3642

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.



0D3046



42261A



003435

Square

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



42261A



1E321C



003240



38273E

Rectangle

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



42261A



312D13



003240



1F2D46

Sweetspot

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



42261A



574C47



421A36



2B2522



ABABAB



2B2B2B

Same Dimension

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



42261A



572A17



423A1A



211F1E



611D00



E04300

Inverse Universe

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



1A3642



174457



1A2242



1E2021



004461



009DE0

Previews

White Background



This preview shows how the Hex color 42261A 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

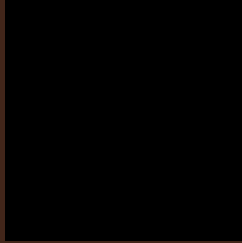
Any Text WCAG AA × Fail

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 42261A Background



This preview shows how black text looks on a background with the Hex color 42261A.

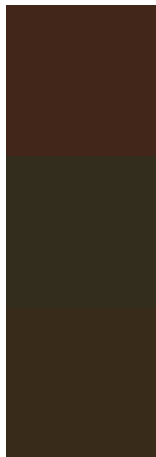


This preview shows how white text looks on a background with the Hex color 42261A.

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
42261A

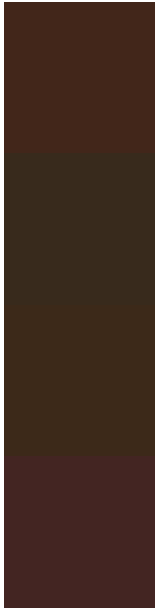
Protanopia
322D1D

Deuteranopia
382B19



Tritanopia
432427

Trichromacy



Original Color

42261A

Protanomaly

382A1C

Deuteranomaly

3C2919

Tritanomaly

432522

Monochromacy



Original Color

42261A

Achromatopsia

2D2D2D

Achromatomaly

352A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 42261A 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 #42261A looks like.

```
.text, #text, p{  
    color:#42261A  
}
```

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 #42261A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42261A
}
```

Border

The CSS property to change the border of an element to Hex 42261A is called "border". The border property can be set on classes, ids or directly on the HTML element.

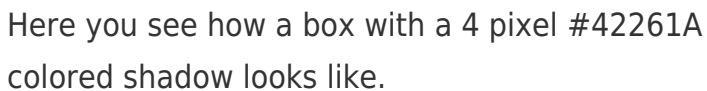
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42261A }
```

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

```
.border{ border-color:#42261A }
```

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



Here you see how a box with a 4 pixel #42261A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42261A; -webkit-box-shadow:4px 4px  
4px 4px #42261A; box-shadow:4px 4px 4px  
4px #42261A }
```

Background

The CSS property to change the background color of an element to Hex 42261A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42261A }
```

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

```
.background{ background-color:#42261A }
```

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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