

Converting Colors

Hex(42310F)

Have a look what the booklet for
Hex(42310F) contains.

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Color

Hex(42310F)

Conversions

Conversions Part 1

Format	Color
Hex	42310F
RGB	66, 49, 15
RGB Percent	26%, 19%, 6%
CMY	0.7412, 0.8078, 0.9412
CMYK	0.00, 0.26, 0.77, 0.74
HSL	40°, 63%, 16%
HSV	40°, 77%, 26%
XYZ	3.4313, 3.3894, 0.9253
YIQ	50.2070, 21.0460, -6.9700

Conversions

Conversions Part 2

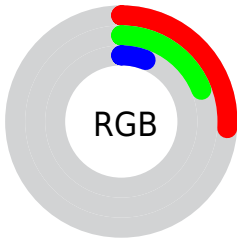
Format	Color
RYB	41, 66, 15
Decimal	4337935
CIELab	21.54, 3.44, 23.90
CIELCh	22, 24.150, 81.812
Yxy	3.3894, 0.4430, 0.4376
Android (android.graphics.Color)	4282528015 (0xFF42310F)
YUV	50.2070, -17.3571, 13.8505
Hunter-Lab	18.4102, 1.0510, 9.9072

Details

The Hex color **42310F** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F2042**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **745F3B**, and **100300** is the 20% darker color. If you saturate the color by 10%, you get **422F08**, and if you desaturate by 10%, it is **423316**.

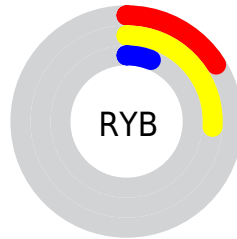
Distribution



 Red (26%)

 Green (19%)

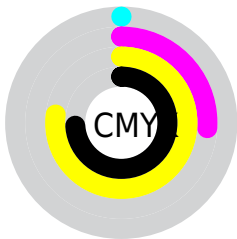
 Blue (6%)



 Red (16%)

 Yellow (26%)

 Blue (6%)

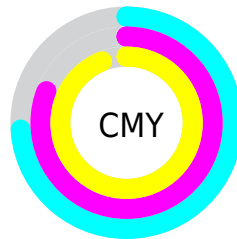


 Cyan (0%)

 Magenta (26%)

 Yellow (77%)

 Black (74%)



 Cyan (74%)

 Magenta (81%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42310F 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 42310F by changing the saturation by 10% instead.

 42310F

 42310F

 FFFFF1

 2B1C00

 745F3B

 100300

 8E7852

 000000

 AA916B

 C5AC84

 E2C79E

 FFE3B9

 FFFF5D

 42310F

 42310F

■ 422F08

■ 423316

■ 422D02

■ 42351C

■ 422C00

■ 423823

■ 423A29

■ 423C30

■ 423E37

■ 42403D

■ 424344

■ 42454A

Harmonies

Analogous

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



4F2A18



42310F



313711

Triad

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



42310F



003C40



452A4A

Complementary

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



42310F



0F2042

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.



2D3155



42310F



003B4F

Square

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



42310F



003C2E



003757



522539

Rectangle

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



42310F



233918



003757



3E2C4E

Sweetspot

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



42310F



575043



420F20



2B271F



ABABAB



2B2B2B

Same Dimension

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



42310F



573C06



3A420F



21201E



614100



E09600

Inverse Universe

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



0F2042



062157



170F42



1E1F21



002061



004BE0

Previews

White Background



This preview shows how the Hex color 42310F looks on a white background.

Color Contrast Check

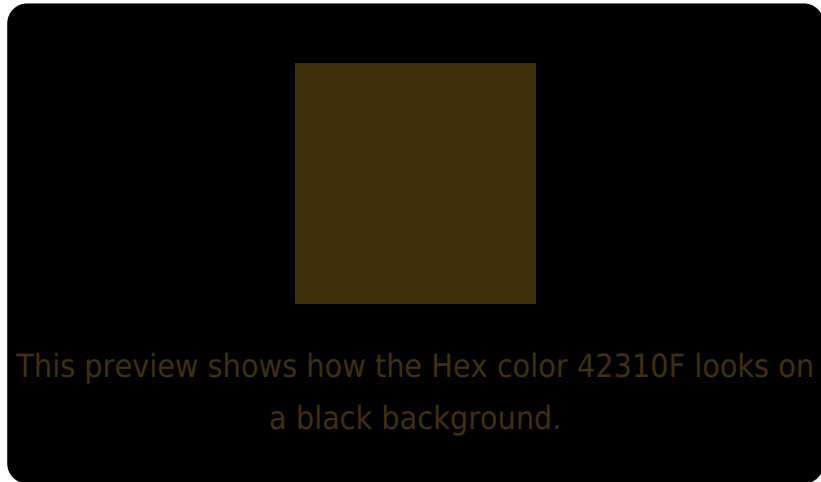
Large Text (above 18pt) WCAG AA ✓ Pass

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

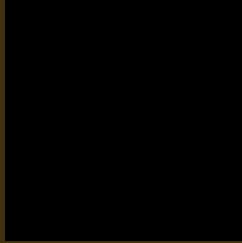
Any Text WCAG AA × Fail

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 42310F Background



This preview shows how black text looks on a background with the Hex color 42310F.



This preview shows how white text looks on a background with the Hex color 42310F.

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
42310F

Protanopia
3A3410

Deuteranopia
41310F



Tritanopia
442E31

Trichromacy



Original Color
42310F

Protanomaly
3D3310

Deuteranomaly
41310F

Tritanomaly
432F25

Monochromacy



Original Color
42310F

Achromatopsia
323232

Achromatomaly
383225

CSS Examples

Text

The CSS property to change the color of the text to Hex 42310F 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 #42310F looks like.

```
.text, #text, p{  
    color:#42310F  
}
```

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 #42310F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42310F
}
```

Border

The CSS property to change the border of an element to Hex 42310F is called "border". The border property can be set on classes, ids or directly on the HTML element.

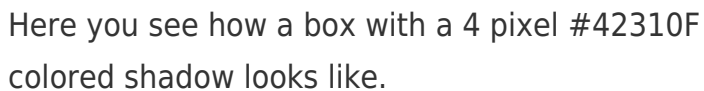
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42310F }
```

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

```
.border{ border-color:#42310F }
```

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



Here you see how a box with a 4 pixel #42310F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42310F; -webkit-box-shadow:4px 4px  
4px 4px #42310F; box-shadow:4px 4px 4px  
4px #42310F }
```

Background

The CSS property to change the background color of an element to Hex 42310F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42310F }
```

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

```
.background{ background-color:#42310F }
```

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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