

Converting Colors

Hex(42130F)

Have a look what the booklet for
Hex(42130F) contains.

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Color

Hex(42130F)

Conversions

Conversions Part 1

Format	Color
Hex	42130F
RGB	66, 19, 15
RGB Percent	26%, 7%, 6%
CMY	0.7412, 0.9255, 0.9412
CMYK	0.00, 0.71, 0.77, 0.74
HSL	5°, 63%, 16%
HSV	5°, 77%, 26%
XYZ	2.5659, 1.6585, 0.6368
YIQ	32.5970, 29.2960, 8.7200

Conversions

Conversions Part 2

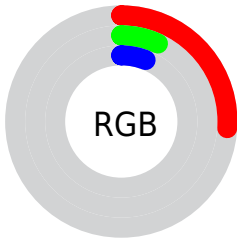
Format	Color
R_{YB}	66, 19, 15
Decimal	4330255
CIE _{Lab}	13.58, 22.48, 14.31
CIE _{LCh}	14, 26.650, 32.473
Yxy	1.6585, 0.5278, 0.3412
Android (android.graphics.Color)	4282520335 (0xFF42130F)
YUV	32.5970, -8.6753, 29.2944
Hunter-Lab	12.8782, 13.0276, 6.0829

Details

The Hex color **42130F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F3E42**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **764039**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420D08**, and if you desaturate by 10%, it is **421916**.

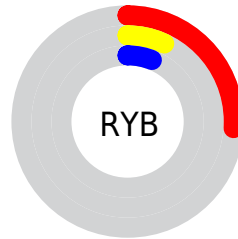
Distribution



Red (26%)

Green (7%)

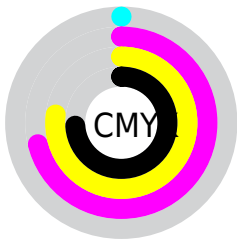
Blue (6%)



Red (26%)

Yellow (7%)

Blue (6%)

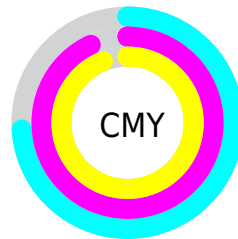


Cyan (0%)

Magenta (71%)

Yellow (77%)

Black (74%)



Cyan (74%)

Magenta (93%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42130F 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 42130F by changing the saturation by 10% instead.

 42130F

 42130F

 FFF9EE

 2B0000

 764039

 000000

 915850

 AC7169

 C98B82

 E5A59C

 FFC0B7

 FFD0D2

 42130F

 42130F

■ 420D08

■ 421916

■ 420702

■ 421F1C

■ 420500

■ 422523

■ 422B29

■ 423130

■ 423737

■ 423E3D

■ 424444

■ 424A4A

Harmonies

Analogous

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



430F22



42130F



3A1B00

Triad

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



42130F



002A10



002448

Complementary

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



42130F



0F3E42

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.



002944



42130F



002B24

Square

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



42130F



192700



002B36



241D42

Rectangle

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



42130F



302000



002B36



002648

Sweetspot

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



42130F



574443



420F3F



2B201F



ABABAB



2B2B2B

Same Dimension

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



42130F



570C06



422C0F



211E1E



610800



E01200

Inverse Universe

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



0F3E42



065057



0F2542



1E2121



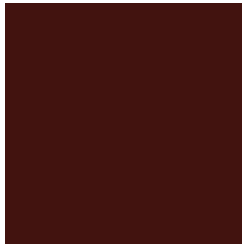
005961



00CFE0

Previews

White Background



This preview shows how the Hex color 42130F 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

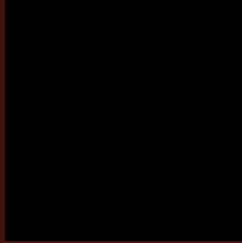
Any Text WCAG AA × Fail

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 42130F Background



This preview shows how black text looks on a background with the Hex color 42130F.

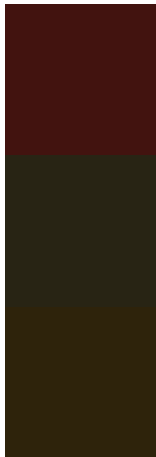


This preview shows how white text looks on a background with the Hex color 42130F.

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
42130F

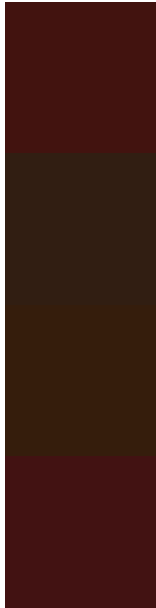
Protanopia
282414

Deuteranopia
2E230B



Tritanopia
421213

Trichromacy



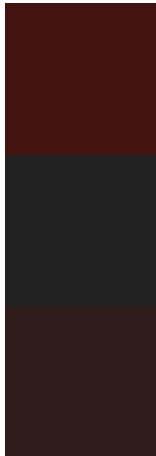
Original Color
42130F

Protanomaly
311E12

Deuteranomaly
351D0C

Tritanomaly
421212

Monochromacy



Original Color
42130F

Achromatopsia
212121

Achromatomaly
2D1C1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 42130F 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 #42130F looks like.

```
.text, #text, p{  
    color:#42130F  
}
```

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 #42130F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42130F
}
```

Border

The CSS property to change the border of an element to Hex 42130F is called "border". The border property can be set on classes, ids or directly on the HTML element.

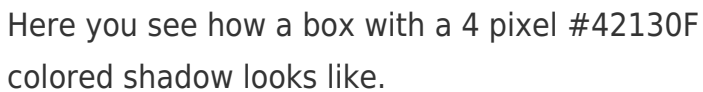
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42130F }
```

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

```
.border{ border-color:#42130F }
```

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



Here you see how a box with a 4 pixel #42130F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42130F; -webkit-box-shadow:4px 4px  
4px 4px #42130F; box-shadow:4px 4px 4px  
4px #42130F }
```

Background

The CSS property to change the background color of an element to Hex 42130F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42130F }
```

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

```
.background{ background-color:#42130F }
```

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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