

Converting Colors

Hex(42111C)

Have a look what the booklet for
Hex(42111C) contains.

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Color

Hex(42111C)

Conversions

Conversions Part 1

Format	Color
Hex	42111C
RGB	66, 17, 28
RGB Percent	26%, 7%, 11%
CMY	0.7412, 0.9333, 0.8902
CMYK	0.00, 0.74, 0.58, 0.74
HSL	347°, 59%, 16%
HSV	347°, 74%, 26%
XYZ	2.6568, 1.6430, 1.2757
YIQ	32.9050, 25.6730, 13.8090

Conversions

Conversions Part 2

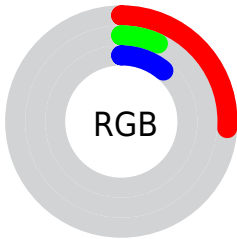
Format	Color
R_{YB}	66, 17, 28
Decimal	4329756
CIE Lab	13.49, 24.63, 5.42
CIE LCh	13, 25.222, 12.407
Yxy	1.6430, 0.4765, 0.2947
Android (android.graphics.Color)	4282519836 (0xFF42111C)
YUV	32.9050, -2.4182, 29.0243
Hunter-Lab	12.8179, 14.5670, 3.0717

Details

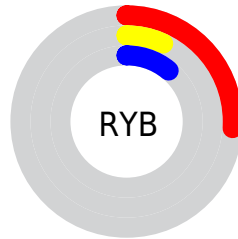
The Hex color **42111C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **114237**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **753F47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420A17**, and if you desaturate by 10%, it is **421821**.

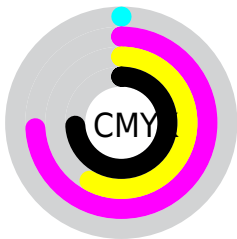
Distribution



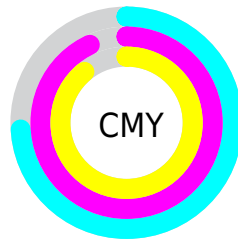
- Red (26%)
- Green (7%)
- Blue (11%)



- Red (26%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (74%)
- Yellow (58%)
- Black (74%)



- Cyan (74%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42111C 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 42111C by changing the saturation by 10% instead.

 42111C

 42111C

 FFF8FF

 2C0001

 753F47

 000000

 90575F

 AB7077

 C78991

 E4A4AC

 FFBFC7

 FFD8E3

 42111C

 42111C

■ 420A17

■ 421821

■ 420412

■ 421E26

■ 42000F

■ 42252B

■ 422B30

■ 423236

■ 42393B

■ 423F40

■ 424645

■ 424C4A

Harmonies

Analogous

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



3D132E



42111C



3E1608

Triad

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



42111C



122802



002744

Complementary

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



42111C



114237

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.



002A3A



42111C



002A17

Square

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



42111C



262400



002B2A



0A2245

Rectangle

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



42111C



391B00



002B2A



002942

Sweetspot

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



42111C



574448



371142



2B2023



ABABAB



2B2B2B

Same Dimension

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



42111C



570A1B



421E11



211E1F



610016



E00032

Inverse Universe

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



42111C



570A1B



113542



211E1F



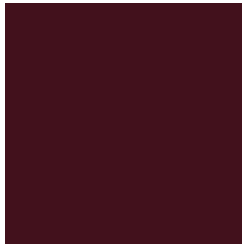
610016



E00032

Previews

White Background



This preview shows how the Hex color 42111C 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

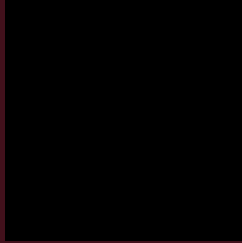
Any Text WCAG AA × Fail

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 42111C Background



This preview shows how black text looks on a background with the Hex color 42111C.



This preview shows how white text looks on a background with the Hex color 42111C.

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
42111C

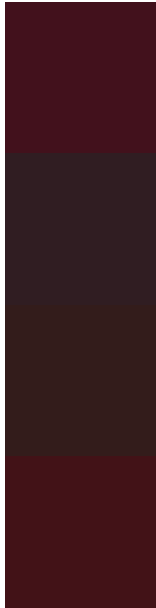
Protanopia
252425

Deuteranopia
2B231A



Tritanopia
421314

Trichromacy



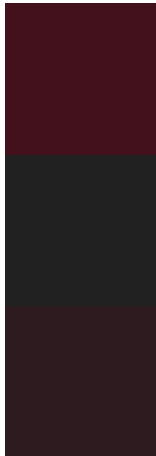
Original Color
42111C

Protanomaly
301D22

Deuteranomaly
331C1B

Tritanomaly
421217

Monochromacy



Original Color
42111C

Achromatopsia
212121

Achromatomaly
2D1B1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 42111C 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 #42111C looks like.

```
.text, #text, p{  
    color:#42111C  
}
```

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 #42111C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42111C
}
```

Border

The CSS property to change the border of an element to Hex 42111C is called "border". The border property can be set on classes, ids or directly on the HTML element.

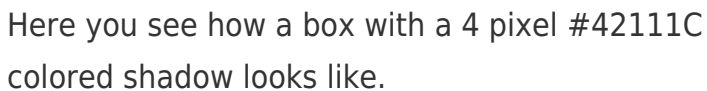
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42111C }
```

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

```
.border{ border-color:#42111C }
```

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



Here you see how a box with a 4 pixel #42111C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42111C; -webkit-box-shadow:4px 4px  
4px 4px #42111C; box-shadow:4px 4px 4px  
4px #42111C }
```

Background

The CSS property to change the background color of an element to Hex 42111C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42111C }
```

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

```
.background{ background-color:#42111C }
```

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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