

Converting Colors

Hex(42152A)

Have a look what the booklet for
Hex(42152A) contains.

Hex(42152A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(42152A)

Conversions

Conversions Part 1

Format	Color
Hex	42152A
RGB	66, 21, 42
RGB Percent	26%, 8%, 16%
CMY	0.7412, 0.9176, 0.8353
CMYK	0.00, 0.68, 0.36, 0.74
HSL	332°, 52%, 17%
HSV	332°, 68%, 26%
XYZ	2.9329, 1.8617, 2.3953
YIQ	36.8490, 20.0790, 16.0710

Conversions

Conversions Part 2

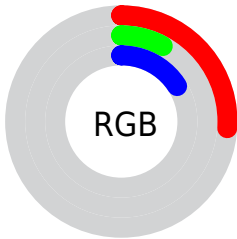
Format	Color
R_{YB}	66, 21, 42
Decimal	4330794
CIE Lab	14.74, 24.31, -3.03
CIE LCh	15, 24.497, 352.890
Yxy	1.8617, 0.4079, 0.2589
Android (android.graphics.Color)	4282520874 (0xFF42152A)
YUV	36.8490, 2.5394, 25.5654
Hunter-Lab	13.6446, 14.4898, -0.8569

Details

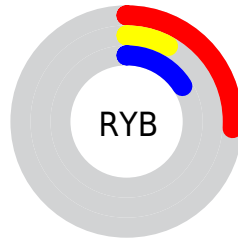
The Hex color **42152A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **15422D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **744357**, and **040000** is the 20% darker color. If you saturate the color by 10%, you get **420E26**, and if you desaturate by 10%, it is **421C2E**.

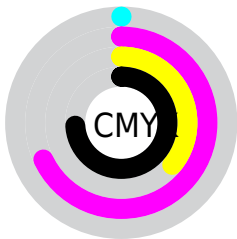
Distribution



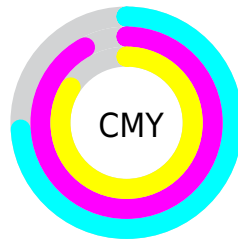
- Red (26%)
- Green (8%)
- Blue (16%)



- Red (26%)
- Yellow (8%)
- Blue (16%)



- Cyan (0%)
- Magenta (68%)
- Yellow (36%)
- Black (74%)



- Cyan (74%)
- Magenta (92%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42152A 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 42152A by changing the saturation by 10% instead.

 42152A

 42152A

 FFFCFF

 2B0016

 744357

 040000

 8E5B70

 000000

 A97489

 C58EA3

 E1A8BE

 FEC4DA

 FFE0F7

 42152A

 42152A

■ 420E26

■ 421C2E

■ 420823

■ 422231

■ 42011F

■ 422935

■ 42001F

■ 422F38

■ 42363C

■ 423D3F

■ 424343

■ 424A46

■ 42504A

Harmonies

Analogous

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



361B3A



42152A



441619

Triad

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



42152A



222800



002C40

Complementary

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



42152A



15422D

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.



002D32



42152A



0B2B0F

Square

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



42152A



322300



002D20



002847

Rectangle

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



42152A



411A0D



002D20



002D3C

Sweetspot

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



42152A



57454D



2D1542



2B2126



ABABAB



2B2B2B

Same Dimension

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



42152A



571031



421615



211E1F



61002D



E00069

Inverse Universe

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



42152A



571031



154142



211E1F



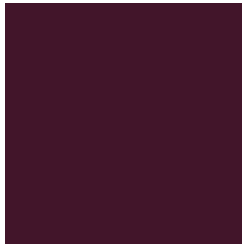
61002D



E00069

Previews

White Background



This preview shows how the Hex color 42152A looks on a white background.

Color Contrast Check

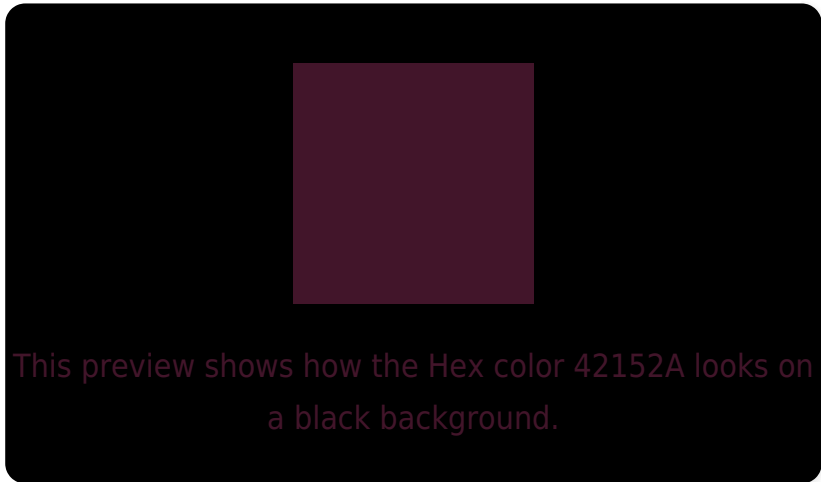
Large Text (above 18pt) WCAG AA ✓ Pass

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

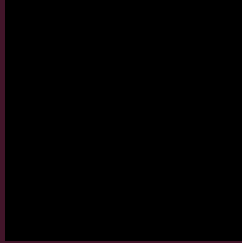
Any Text WCAG AA × Fail

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 42152A Background



This preview shows how black text looks on a background with the Hex color 42152A.



This preview shows how white text looks on a background with the Hex color 42152A.

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
42152A

Protanopia
222635

Deuteranopia
2A2528



Tritanopia
41191A

Trichromacy



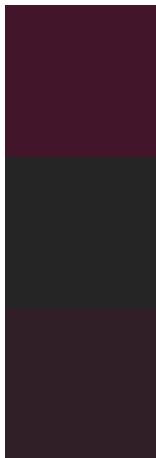
Original Color
42152A

Protanomaly
2E2031

Deuteranomaly
331F29

Tritanomaly
411820

Monochromacy



Original Color
42152A

Achromatopsia
252525

Achromatomaly
301F27

CSS Examples

Text

The CSS property to change the color of the text to Hex 42152A 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 #42152A looks like.

```
.text, #text, p{  
    color:#42152A  
}
```

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 #42152A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42152A
}
```

Border

The CSS property to change the border of an element to Hex 42152A 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".

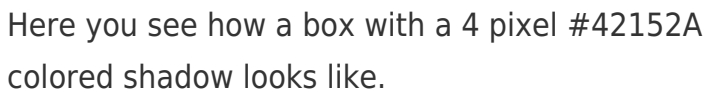
```
.border, #border, table{ border:4px solid
#42152A }
```

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

```
.border{ border-color:#42152A }
```

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

Here you see how a box with a 4 pixel #42152A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42152A; -webkit-box-shadow:4px 4px  
4px 4px #42152A; box-shadow:4px 4px 4px  
4px #42152A }
```

Background

The CSS property to change the background color of an element to Hex 42152A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42152A }
```

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

```
.background{ background-color:#42152A }
```

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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