

Converting Colors

Hex(24422A)

Have a look what the booklet for
Hex(24422A) contains.

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Color

Hex(24422A)

Conversions

Conversions Part 1

Format	Color
Hex	24422A
RGB	36, 66, 42
RGB Percent	14%, 26%, 16%
CMY	0.8588, 0.7412, 0.8353
CMYK	0.45, 0.00, 0.36, 0.74
HSL	132°, 29%, 20%
HSV	132°, 45%, 26%
XYZ	3.0937, 4.4387, 2.8842
YIQ	54.2940, -10.1760, -13.8240

Conversions

Conversions Part 2

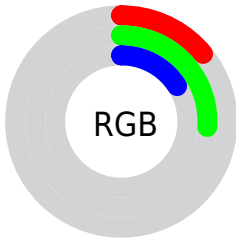
Format	Color
R_YB	36, 61, 66
Decimal	2376234
CIE Lab	25.07, -17.39, 11.19
CIE LCh	25, 20.682, 147.230
Yxy	4.4387, 0.2970, 0.4261
Android (android.graphics.Color)	4280566314 (0xFF24422A)
YUV	54.2940, -6.0609, -16.0438
Hunter-Lab	21.0681, -10.6579, 6.6310

Details

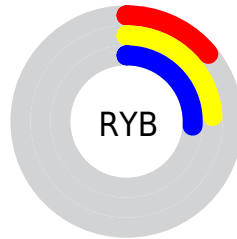
The Hex color **24422A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **42243C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **527257**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **1D4225**, and if you desaturate by 10%, it is **2B422F**.

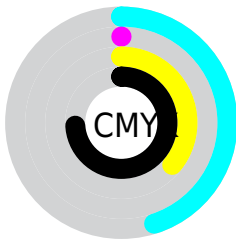
Distribution



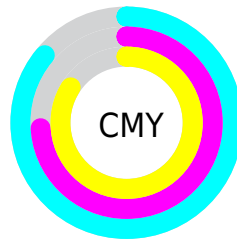
- Red (14%)
- Green (26%)
- Blue (16%)



- Red (14%)
- Yellow (24%)
- Blue (26%)



- Cyan (45%)
- Magenta (0%)
- Yellow (36%)
- Black (74%)



- Cyan (86%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24422A 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 24422A by changing the saturation by 10% instead.

■ 24422A

■ 24422A

FFFFFF

■ 0E2C15

■ 527257

■ 001900

■ 6B8C70

■ 000000

■ 85A689

■ 9FC1A4

■ BADDBF

■ D6FADB

■ F3FFF7

■ 24422A

■ 24422A

■ 1D4225

■ 2B422F

■ 17421F

■ 314235

■ 10421A

■ 38423A

■ 0A4215

■ 3E423F

■ 034210

■ 454244

■ 00420D

■ 4C424A

■ 52424F

■ 594254

■ 5F425A

Harmonies

Analogous

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



373F1F



24422A



0A4439

Triad

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



24422A



203D5A



59302E

Complementary

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



24422A



42243C

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.



582F3E



24422A



3B3857

Square

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



24422A



004155



4E324D



533522

Rectangle

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



24422A



004444



4E324D



5A2F33

Sweetspot

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



24422A



4B574D



3C4224



242B25



ABABAB



2B2B2B

Same Dimension

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



24422A



275731



244239



1E211E



006113



00E02D

Inverse Universe

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



42243C



57274D



42242D



211E20



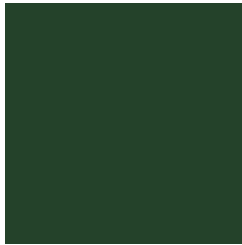
61004E



E000B4

Previews

White Background



This preview shows how the Hex color 24422A looks on a white background.

Color Contrast Check

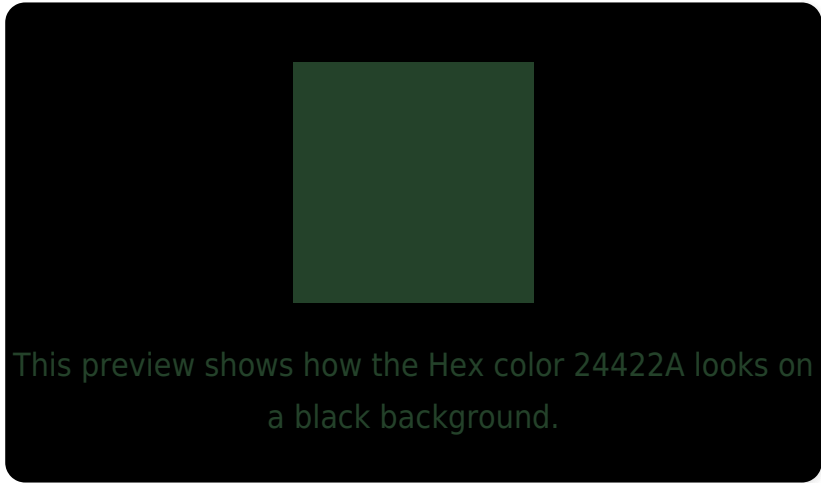
Large Text (above 18pt) WCAG AA ✓ Pass

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

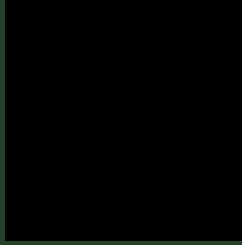
Any Text WCAG AA × Fail

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 24422A Background



This preview shows how black text looks on a background with the Hex color 24422A.



This preview shows how white text looks on a background with the Hex color 24422A.

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
24422A

Protanopia
403B27

Deuteranopia
46392C



Tritanopia
2A3F44

Trichromacy



Original Color

24422A

Protanomaly

363E28

Deuteranomaly

3A3C2B

Tritanomaly

28403B

Monochromacy



Original Color

24422A

Achromatopsia

363636

Achromatomaly

2F3A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 24422A 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 #24422A looks like.

```
.text, #text, p{  
    color:#24422A  
}
```

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 #24422A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24422A
}
```

Border

The CSS property to change the border of an element to Hex 24422A 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
#24422A }
```

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

```
.border{ border-color:#24422A }
```

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

Here you see how a box with a 4 pixel #24422A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24422A; -webkit-box-shadow:4px 4px  
4px 4px #24422A; box-shadow:4px 4px 4px  
4px #24422A }
```

Background

The CSS property to change the background color of an element to Hex 24422A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24422A }
```

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

```
.background{ background-color:#24422A }
```

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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