

Converting Colors

Hex(13402A)

Have a look what the booklet for
Hex(13402A) contains.

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Color

Hex(13402A)

Conversions

Conversions Part 1

Format	Color
Hex	13402A
RGB	19, 64, 42
RGB Percent	7%, 25%, 16%
CMY	0.9255, 0.7490, 0.8353
CMYK	0.70, 0.00, 0.34, 0.75
HSL	151°, 54%, 16%
HSV	151°, 70%, 25%
XYZ	2.5199, 3.9724, 2.8244
YIQ	48.0370, -19.7580, -16.3820

Conversions

Conversions Part 2

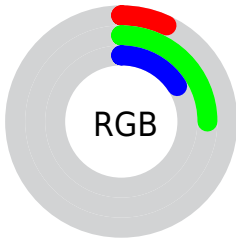
Format	Color
R_{YB}	19, 49, 64
Decimal	1261610
CIE Lab	23.58, -21.51, 9.04
CIE LCh	24, 23.334, 157.214
Yxy	3.9724, 0.2705, 0.4264
Android (android.graphics.Color)	4279451690 (0xFF13402A)
YUV	48.0370, -2.9762, -25.4654
Hunter-Lab	19.9309, -12.3112, 5.5496

Details

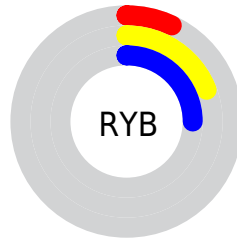
The Hex color **13402A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401329**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **437057**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **0D4027**, and if you desaturate by 10%, it is **19402D**.

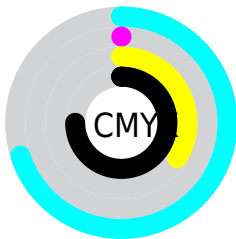
Distribution



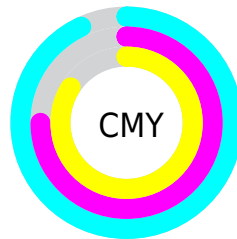
- Red (7%)
- Green (25%)
- Blue (16%)



- Red (7%)
- Yellow (19%)
- Blue (25%)



- Cyan (70%)
- Magenta (0%)
- Yellow (34%)
- Black (75%)



- Cyan (93%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13402A 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 13402A by changing the saturation by 10% instead.

■ 13402A

■ 13402A

FFFFFF

■ 002A15

■ 437057

■ 001500

■ 5C8A70

■ 000000

■ 76A489

■ 90C0A4

■ ABDBBF

■ C6F8DA

■ E3FFF7

■ 13402A

■ 13402A

■ 0D4027

■ 19402D

■ 064024

■ 204030

■ 004021

■ 264033

■ 2D4037

■ 33403A

■ 39403D

■ 404040

■ 464043

■ 4D4046

Harmonies

Analogous

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



2C3D1B



13402A



00413C

Triad

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



13402A



22395B



572C24

Complementary

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



13402A



401329

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.



592935



13402A



3F3254

Square

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



13402A



003E58



512C46



4D3218

Rectangle

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



13402A



004148



512C46



582B29

Sweetspot

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



13402A



42544C



2A4013



212B26



ABABAB



2B2B2B

Same Dimension

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



13402A



0D5432



134040



1E2120



006132



00E073

Inverse Universe

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



401329



540D30



401313



211E1F



61002F



E0006E

Previews

White Background



This preview shows how the Hex color 13402A looks on a white background.

Color Contrast Check

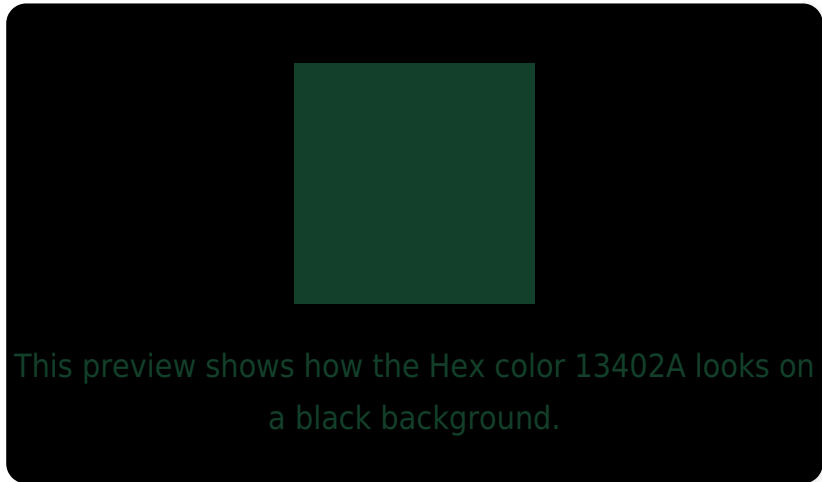
Large Text (above 18pt) WCAG AA ✓ Pass

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

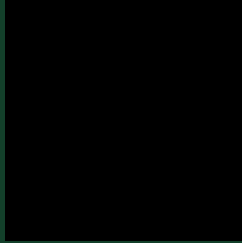
Any Text WCAG AA × Fail

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 13402A Background



This preview shows how black text looks on a background with the Hex color 13402A.



This preview shows how white text looks on a background with the Hex color 13402A.

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
13402A

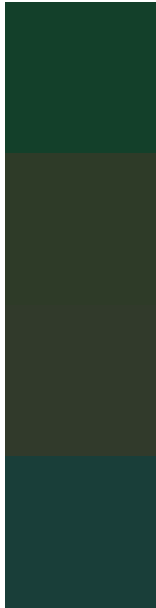
Protanopia
3D3827

Deuteranopia
42362C



Tritanopia
1C3D42

Trichromacy



Original Color
13402A

Protanomaly
2E3B28

Deuteranomaly
313A2B

Tritanomaly
193E39

Monochromacy



Original Color
13402A

Achromatopsia
303030

Achromatomaly
25362E

CSS Examples

Text

The CSS property to change the color of the text to Hex 13402A 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 #13402A looks like.

```
.text, #text, p{  
    color:#13402A  
}
```

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 #13402A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13402A
}
```

Border

The CSS property to change the border of an element to Hex 13402A 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
#13402A }
```

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

```
.border{ border-color:#13402A }
```

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

Here you see how a box with a 4 pixel #13402A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13402A; -webkit-box-shadow:4px 4px  
4px 4px #13402A; box-shadow:4px 4px 4px  
4px #13402A }
```

Background

The CSS property to change the background color of an element to Hex 13402A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13402A }
```

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

```
.background{ background-color:#13402A }
```

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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