

Converting Colors

Hex(1D402E)

Have a look what the booklet for
Hex(1D402E) contains.

Hex(1D402E)	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(1D402E)

Conversions

Conversions Part 1

Format	Color
Hex	1D402E
RGB	29, 64, 46
RGB Percent	11%, 25%, 18%
CMY	0.8863, 0.7490, 0.8196
CMYK	0.55, 0.00, 0.28, 0.75
HSL	149°, 38%, 18%
HSV	149°, 55%, 25%
XYZ	2.8332, 4.1253, 3.2317
YIQ	51.4830, -15.0820, -13.0180

Conversions

Conversions Part 2

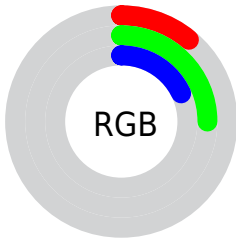
Format	Color
R_{YB}	29, 53, 64
Decimal	1916974
CIE _{Lab}	24.08, -17.73, 7.18
CIE _{LCh}	24, 19.133, 157.951
Yxy	4.1253, 0.2780, 0.4048
Android (android.graphics.Color)	4280107054 (0xFF1D402E)
YUV	51.4830, -2.7031, -19.7176
Hunter-Lab	20.3107, -10.6440, 4.7837

Details

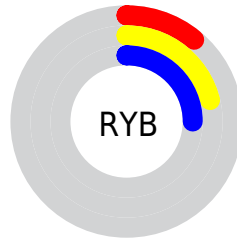
The Hex color **1D402E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401D2F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **4C705C**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **17402B**, and if you desaturate by 10%, it is **234031**.

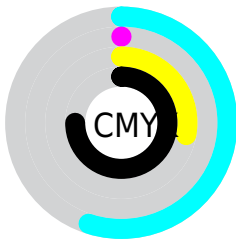
Distribution



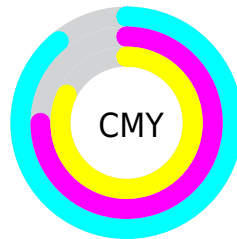
- Red (11%)
- Green (25%)
- Blue (18%)



- Red (11%)
- Yellow (21%)
- Blue (25%)



- Cyan (55%)
- Magenta (0%)
- Yellow (28%)
- Black (75%)



- Cyan (89%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D402E 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 1D402E by changing the saturation by 10% instead.

 1D402E

 1D402E

FFFFFF

 062A19

 4C705C

 001700

 648A74

 000000

 7EA48E

 98BFA8

 B3DBC4

 CFF8E0

 EBFFFC

 1D402E

 1D402E

■ 17402B

■ 234031

■ 104027

■ 2A4035

■ 0A4024

■ 304038

■ 034021

■ 37403B

■ 00401F

■ 3D403E

■ 434042

■ 4A4045

■ 504048

■ 57404C

Harmonies

Analogous

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



2F3E22



1D402E



04413D

Triad

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



1D402E



2A3956



533028

Complementary

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



1D402E



401D2F

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.



552E36



1D402E



403450

Square

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



1D402E



0D3E54



4E2F44



4B351F

Rectangle

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



1D402E



004146



4E2F44



552F2D

Sweetspot

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



1D402E



47544D



2F401D



232B27



ABABAB



2B2B2B

Same Dimension

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



1D402E



1D5438



1D403F



1E211F



00612F



00E06D

Inverse Universe

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



401D2F



541D39



401D1E



211E20



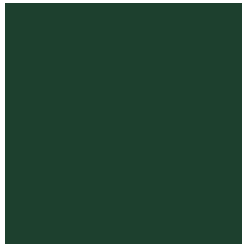
610032



E00073

Previews

White Background



This preview shows how the Hex color 1D402E looks on a white background.

Color Contrast Check

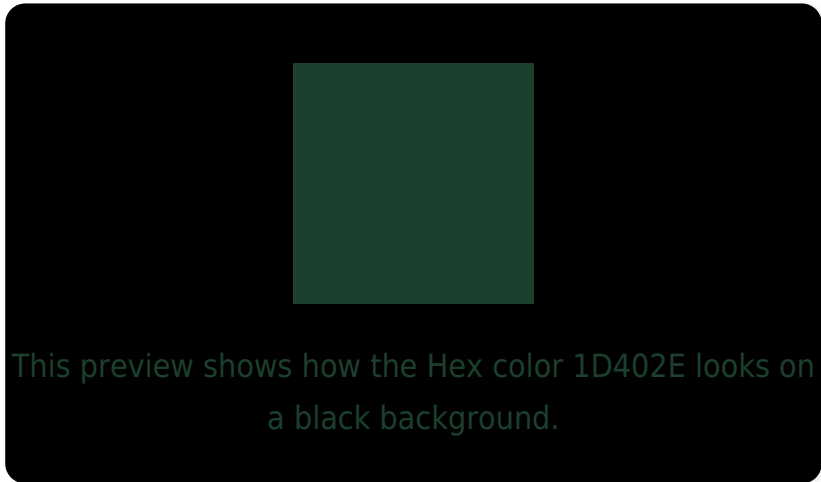
Large Text (above 18pt) WCAG AA ✓ Pass

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

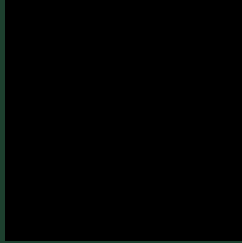
Any Text WCAG AA × Fail

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 1D402E Background



This preview shows how black text looks on a background with the Hex color 1D402E.



This preview shows how white text looks on a background with the Hex color 1D402E.

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](#).

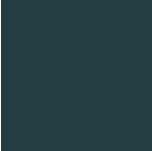
Dichromacy



Original Color
1D402E

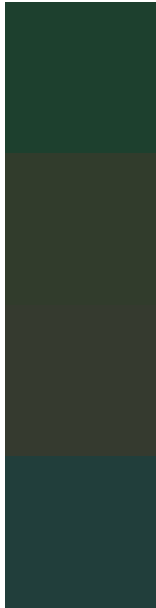
Protanopia
3D392B

Deuteranopia
423730



Tritanopia
233D42

Trichromacy



Original Color
1D402E

Protanomaly
313C2C

Deuteranomaly
353A2F

Tritanomaly
213E3B

Monochromacy



Original Color
1D402E

Achromatopsia
333333

Achromatomaly
2B3831

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D402E 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 #1D402E looks like.

```
.text, #text, p{  
    color:#1D402E  
}
```

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 #1D402E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D402E
}
```

Border

The CSS property to change the border of an element to Hex 1D402E is called "border". The border property can be set on classes, ids or directly on the HTML element.

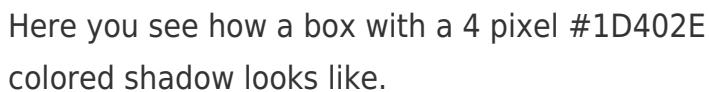
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D402E }
```

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

```
.border{ border-color:#1D402E }
```

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



Here you see how a box with a 4 pixel #1D402E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D402E; -webkit-box-shadow:4px 4px  
4px 4px #1D402E; box-shadow:4px 4px 4px  
4px #1D402E }
```

Background

The CSS property to change the background color of an element to Hex 1D402E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D402E }
```

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

```
.background{ background-color:#1D402E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor