

# Converting Colors

Hex(1D442F)

Have a look what the booklet for  
Hex(1D442F) contains.

<b>Hex(1D442F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1D442F)

# Conversions

## Conversions Part 1

Format	Color
Hex	1D442F
RGB	29, 68, 47
RGB Percent	11%, 27%, 18%
CMY	0.8863, 0.7333, 0.8157
CMYK	0.57, 0.00, 0.31, 0.73
HSL	148°, 40%, 19%
HSV	148°, 57%, 27%
XYZ	3.0869, 4.6007, 3.4146
YIQ	53.9450, -16.5030, -14.7990

# Conversions

## Conversions Part 2

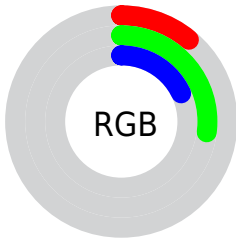
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 56, 68
Decimal	1917999
CIE <sub>Lab</sub>	25.57, -19.64, 8.59
CIE <sub>LCh</sub>	26, 21.434, 156.361
Yxy	4.6007, 0.2780, 0.4144
Android (android.graphics.Color)	4280108079 (0xFF1D442F)
YUV	53.9450, -3.4239, -21.8768
Hunter-Lab	21.4492, -11.8470, 5.5757

# Details

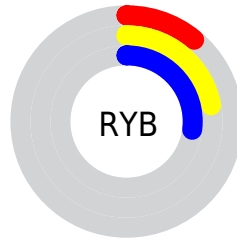
The Hex color **1D442F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **441D32**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **4C755D**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **16442B**, and if you desaturate by 10%, it is **244433**.

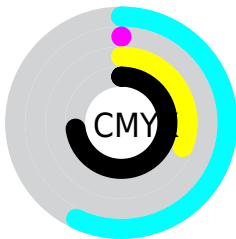
# Distribution



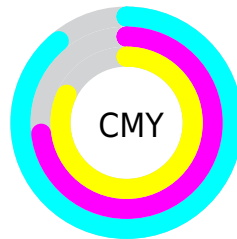
- Red (11%)
- Green (27%)
- Blue (18%)



- Red (11%)
- Yellow (22%)
- Blue (27%)



- Cyan (57%)
- Magenta (0%)
- Yellow (31%)
- Black (73%)



- Cyan (89%)
- Magenta (73%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D442F 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 1D442F by changing the saturation by 10% instead.





1D442F



1D442F

FFFFFF



052D1A



4C755D



001A00



658E76



000000



7FA98F



99C4AA



B4E0C5



D0FDE1



ECFFFE



1D442F



1D442F

■ 16442B

■ 244433

■ 0F4428

■ 2B4436

■ 094424

■ 31443A

■ 024420

■ 38443E

■ 00441F

■ 3F4441

■ 464445

■ 4D4449

■ 53444C

■ 5A4450

# Harmonies

## Analogous

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



324122



1D442F



004540

# Triad

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



1D442F



293D5D



5A322A

# Complementary

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



1D442F



441D32

# 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.



5B2F3A



1D442F



433757

# Square

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



1D442F



00425A



54324A



51371F

# Rectangle

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



1D442F



00454A



54324A



5B312F



# Sweetspot

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



1D442F



4A5951



32441D



252E29



ADADAD



2E2E2E



# Same Dimension

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



1D442F



1C5938



1D4442



1E211F



00612D



00E068



# Inverse Universe

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



441D32



591C3D



441D1F



211E20



610034

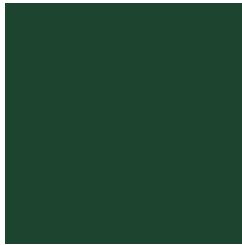


E00079



# Previews

## White Background



This preview shows how the Hex color 1D442F looks on a white background.

## Color Contrast Check

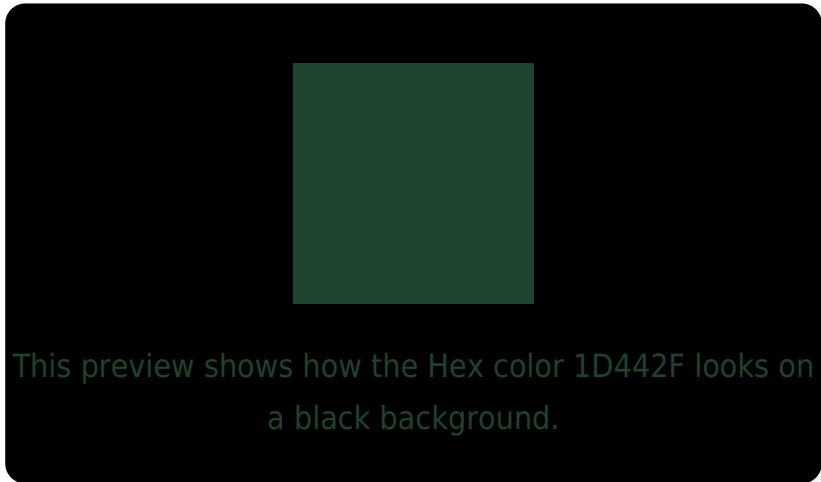
Large Text (above 18pt) WCAG AA ✓ Pass

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

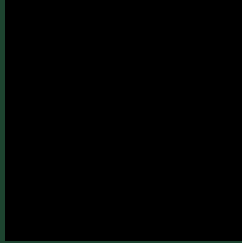
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D442F Background



This preview shows how black text looks on a background with the Hex color 1D442F.



This preview shows how white text looks on a background with the Hex color 1D442F.

# 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](#).

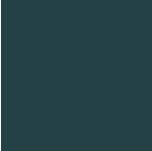
## Dichromacy



**Original Color**  
1D442F

**Protanopia**  
413C2C

**Deuteranopia**  
463A31



**Tritanopia**  
244146

# Trichromacy



**Original Color**

1D442F

**Protanomaly**

343F2D

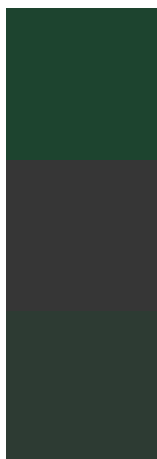
**Deuteranomaly**

373E30

**Tritanomaly**

21423E

# Monochromacy



**Original Color**

1D442F

**Achromatopsia**

363636

**Achromatomaly**

2D3B33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D442F 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 #1D442F looks like.

```
.text, #text, p{  
    color:#1D442F  
}
```

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 #1D442F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D442F
}
```

## Border

The CSS property to change the border of an element to Hex 1D442F 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
#1D442F }
```

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

```
.border{ border-color:#1D442F }
```

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

Here you see how a box with a 4 pixel #1D442F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D442F; -webkit-box-shadow:4px 4px  
4px 4px #1D442F; box-shadow:4px 4px 4px  
4px #1D442F }
```

# Background

The CSS property to change the background color of an element to Hex 1D442F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D442F }
```

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

```
.background{ background-color:#1D442F }
```

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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