

Converting Colors

Hex(18422F)

Have a look what the booklet for
Hex(18422F) contains.

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Color

Hex(18422F)

Conversions

Conversions Part 1

Format	Color
Hex	18422F
RGB	24, 66, 47
RGB Percent	9%, 26%, 18%
CMY	0.9059, 0.7412, 0.8157
CMYK	0.64, 0.00, 0.29, 0.74
HSL	153°, 47%, 18%
HSV	153°, 64%, 26%
XYZ	2.8380, 4.2959, 3.3689
YIQ	51.2760, -18.9330, -14.8130

Conversions

Conversions Part 2

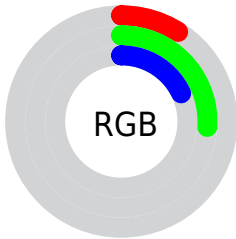
Format	Color
R_{YB}	24, 51, 66
Decimal	1589807
CIE Lab	24.63, -20.00, 7.26
CIE LCh	25, 21.272, 160.051
Yxy	4.2959, 0.2702, 0.4090
Android (android.graphics.Color)	4279779887 (0xFF18422F)
YUV	51.2760, -2.1081, -23.9211
Hunter-Lab	20.7264, -11.8300, 4.8714

Details

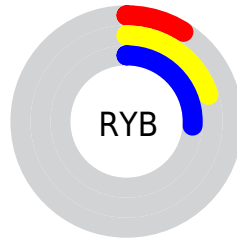
The Hex color **18422F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **42182B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **48725D**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **11422C**, and if you desaturate by 10%, it is **1F4232**.

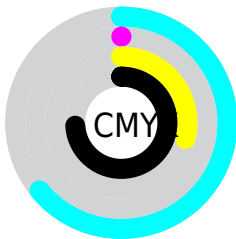
Distribution



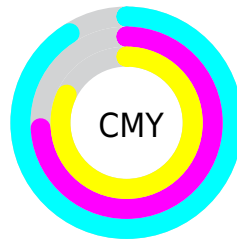
- Red (9%)
- Green (26%)
- Blue (18%)



- Red (9%)
- Yellow (20%)
- Blue (26%)



- Cyan (64%)
- Magenta (0%)
- Yellow (29%)
- Black (74%)



- Cyan (91%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18422F 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 18422F by changing the saturation by 10% instead.

■ 18422F

■ 18422F

FFFFFF

■ 002C1A

■ 48725D

■ 001900

■ 608C76

■ 000000

■ 7AA78F

■ 94C2AA

■ AFDEC5

■ CBFAE1

■ E7FFFE

■ 18422F

■ 18422F

■ 11422C

■ 1F4232

■ 0B4229

■ 254235

■ 044226

■ 2C4238

■ 004224

■ 32423B

■ 39423E

■ 404241

■ 464244

■ 4D4247

■ 53424A

Harmonies

Analogous

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



2E3F21



18422F



004340

Triad

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



18422F



2B3A5A



573027

Complementary

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



18422F



42182B

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.



592D36



18422F



433453

Square

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



18422F



033F58



532F46



4D361C

Rectangle

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



18422F



00424A



532F46



582F2B

Sweetspot

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



18422F



46574F



2C4218



212B27



ABABAB



2B2B2B

Same Dimension

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



18422F



155739



184142



1E2120



006135



00E07B

Inverse Universe

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



42182B



571533



421918



211E1F



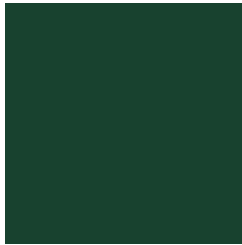
61002C



E00066

Previews

White Background



This preview shows how the Hex color 18422F looks on a white background.

Color Contrast Check

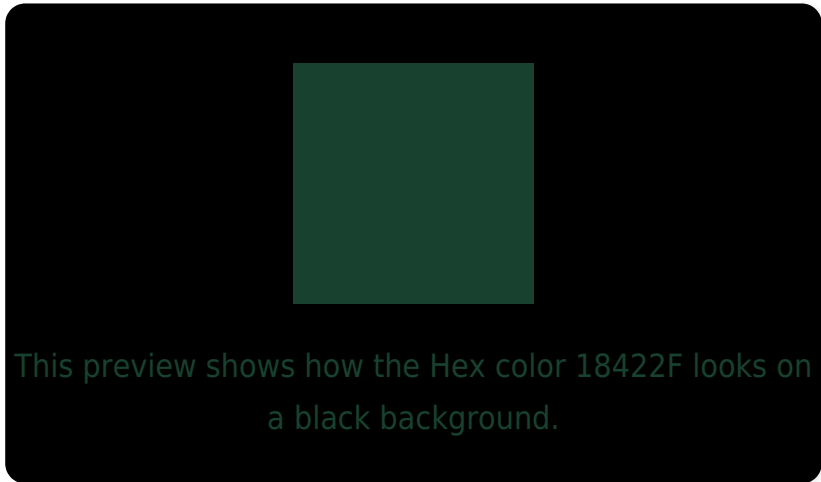
Large Text (above 18pt) WCAG AA ✓ Pass

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

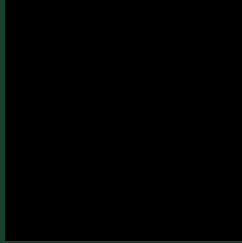
Any Text WCAG AA × Fail

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 18422F Background



This preview shows how black text looks on a background with the Hex color 18422F.



This preview shows how white text looks on a background with the Hex color 18422F.

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
18422F

Protanopia
3F3A2B

Deuteranopia
433831



Tritanopia
203F44

Trichromacy



Original Color
18422F

Protanomaly
313D2C

Deuteranomaly
333C30

Tritanomaly
1D403C

Monochromacy



Original Color
18422F

Achromatopsia
333333

Achromatomaly
293832

CSS Examples

Text

The CSS property to change the color of the text to Hex 18422F 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 #18422F looks like.

```
.text, #text, p{  
    color:#18422F  
}
```

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 #18422F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18422F
}
```

Border

The CSS property to change the border of an element to Hex 18422F 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
#18422F }
```

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

```
.border{ border-color:#18422F }
```

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

Here you see how a box with a 4 pixel #18422F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18422F; -webkit-box-shadow:4px 4px  
4px 4px #18422F; box-shadow:4px 4px 4px  
4px #18422F }
```

Background

The CSS property to change the background color of an element to Hex 18422F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18422F }
```

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

```
.background{ background-color:#18422F }
```

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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