

Converting Colors

Hex(1B322A)

Have a look what the booklet for
Hex(1B322A) contains.

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Color

Hex(1B322A)

Conversions

Conversions Part 1

Format	Color
Hex	1B322A
RGB	27, 50, 42
RGB Percent	11%, 20%, 16%
CMY	0.8941, 0.8039, 0.8353
CMYK	0.46, 0.00, 0.16, 0.80
HSL	159°, 30%, 15%
HSV	159°, 46%, 20%
XYZ	2.0105, 2.6814, 2.6021
YIQ	42.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

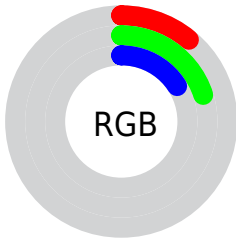
Format	Color
RYB	27, 41, 50
Decimal	1782314
CIELab	18.72, -11.37, 2.25
CIELCh	19, 11.595, 168.793
Yxy	2.6814, 0.2756, 0.3676
Android (android.graphics.Color)	4279972394 (0xFF1B322A)
YUV	42.2110, -0.1040, -13.3400
Hunter-Lab	16.3749, -6.7399, 2.0409

Details

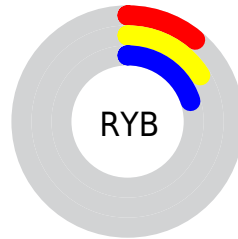
The Hex color **1B322A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **321B23**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **486057**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **163228**, and if you desaturate by 10%, it is **20322C**.

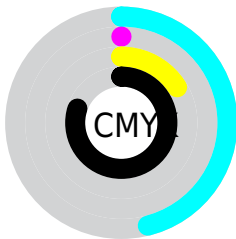
Distribution



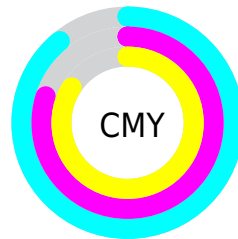
- Red (11%)
- Green (20%)
- Blue (16%)



- Red (11%)
- Yellow (16%)
- Blue (20%)



- Cyan (46%)
- Magenta (0%)
- Yellow (16%)
- Black (80%)



- Cyan (89%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B322A 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 1B322A by changing the saturation by 10% instead.

■ 1B322A

■ 1B322A

FFFFFF

■ 051D16

■ 486057

■ 000000

■ 607970

■ 799389

■ 93AEA3

■ ADC9BE

■ C9E5DA

■ E5FFF7

■ 1B322A

■ 1B322A

■ 163228

■ 20322C

■ 113227

■ 25322D

■ 0C3225

■ 2A322F

■ 073223

■ 2F3231

■ 023221

■ 343233

■ 003221

■ 393234

■ 3E3236

■ 433238

■ 48323A

Harmonies

Analogous

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



253122



1B322A



143233

Triad

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



1B322A



2A2D3D



3C2921

Complementary

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



1B322A



321B23

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.



3E2829



1B322A



352A39

Square

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



1B322A



1E2F3E



3C2831



362C1D

Rectangle

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



1B322A



143238



3C2831



3D2823

Sweetspot

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



1B322A



37403D



23321B



1C211F



A1A1A1



212121

Same Dimension

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



1B322A



1D4034



1B2F32



171A19



00593A



00D98D

Inverse Universe

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



321B23



401D29



321E1B



1A1718



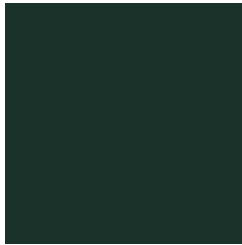
59001F



D9004B

Previews

White Background



This preview shows how the Hex color 1B322A looks on a white background.

Color Contrast Check

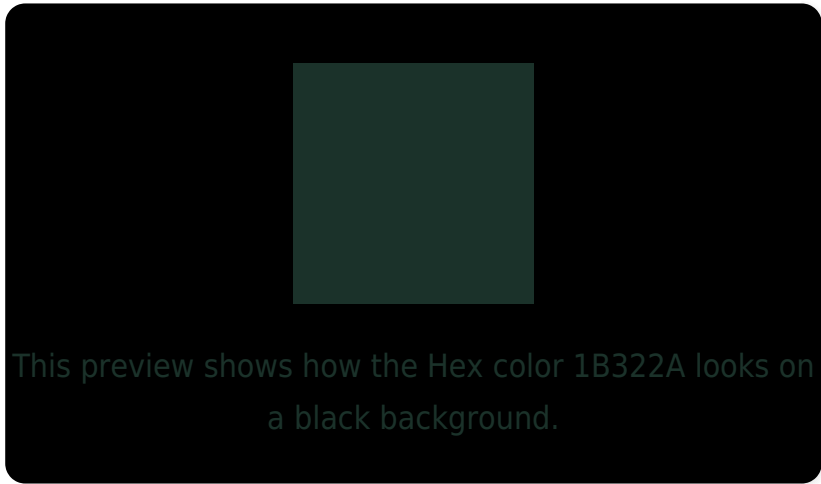
Large Text (above 18pt) WCAG AA ✓ Pass

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

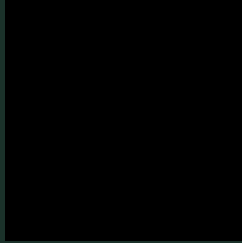
Any Text WCAG AA × Fail

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 1B322A Background



This preview shows how black text looks on a background with the Hex color 1B322A.



This preview shows how white text looks on a background with the Hex color 1B322A.

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](#).

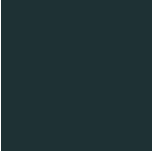
Dichromacy



Original Color
1B322A

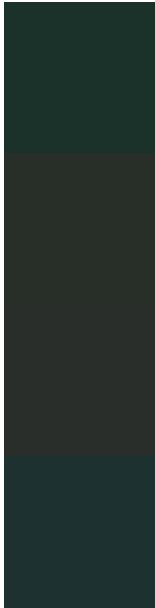
Protanopia
302D28

Deuteranopia
332C2B



Tritanopia
1E3134

Trichromacy



Original Color
1B322A

Protanomaly
282F29

Deuteranomaly
2A2E2B

Tritanomaly
1D3130

Monochromacy



Original Color
1B322A

Achromatopsia
2A2A2A

Achromatomaly
252D2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B322A 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 #1B322A looks like.

```
.text, #text, p{  
    color:#1B322A  
}
```

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 #1B322A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B322A
}
```

Border

The CSS property to change the border of an element to Hex 1B322A is called "border". The border property can be set on classes, ids or directly on the HTML element.

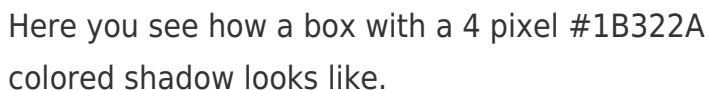
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B322A }
```

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

```
.border{ border-color:#1B322A }
```

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



Here you see how a box with a 4 pixel #1B322A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B322A; -webkit-box-shadow:4px 4px  
4px 4px #1B322A; box-shadow:4px 4px 4px  
4px #1B322A }
```

Background

The CSS property to change the background color of an element to Hex 1B322A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B322A }
```

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

```
.background{ background-color:#1B322A }
```

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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