

Converting Colors

Hex(1B3C27)

Have a look what the booklet for
Hex(1B3C27) contains.

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Color

Hex(1B3C27)

Conversions

Conversions Part 1

Format	Color
Hex	1B3C27
RGB	27, 60, 39
RGB Percent	11%, 24%, 15%
CMY	0.8941, 0.7647, 0.8471
CMYK	0.55, 0.00, 0.35, 0.76
HSL	142°, 38%, 17%
HSV	142°, 55%, 24%
XYZ	2.4341, 3.6112, 2.4882
YIQ	47.7390, -12.9270, -13.5270

Conversions

Conversions Part 2

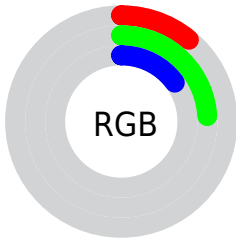
Format	Color
RYB	27, 51, 60
Decimal	1784871
CIELab	22.34, -17.89, 9.35
CIELCh	22, 20.186, 152.401
Yxy	3.6112, 0.2852, 0.4232
Android (android.graphics.Color)	4279974951 (0xFF1B3C27)
YUV	47.7390, -4.3083, -18.1881
Hunter-Lab	19.0032, -10.3921, 5.5390

Details

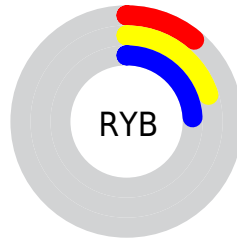
The Hex color **1B3C27** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C1B30**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **496C54**, and **000F00** is the 20% darker color. If you saturate the color by 10%, you get **153C23**, and if you desaturate by 10%, it is **213C2B**.

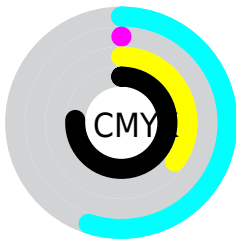
Distribution



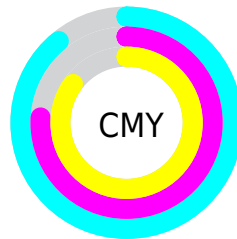
- Red (11%)
- Green (24%)
- Blue (15%)



- Red (11%)
- Yellow (20%)
- Blue (24%)



- Cyan (55%)
- Magenta (0%)
- Yellow (35%)
- Black (76%)



- Cyan (89%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3C27 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 1B3C27 by changing the saturation by 10% instead.


 1B3C27

 1B3C27

FFFFFF

 042613

 496C54

 000F00

 62856C

 000000

 7B9F86

 95BAA0

 B0D6BB

 CBF3D6

 E8FFF3

 1B3C27

 1B3C27

■ 153C23

■ 213C2B

■ 0F3C1F

■ 273C2F

■ 093C1C

■ 2D3C32

■ 033C18

■ 333C36

■ 003C16

■ 393C3A

■ 3F3C3E

■ 453C42

■ 4B3C46

■ 513C49

Harmonies

Analogous

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



2E391B



1B3C27



003D36

Triad

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



1B3C27



1F3753



512B26

Complementary

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



1B3C27



3C1B30

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.



512935



1B3C27



38314F

Square

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



1B3C27



003B50



492C44



4A301B

Rectangle

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



1B3C27



003D40



492C44



522A2B

Sweetspot

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



1B3C27



424F46



303C1B



212924



A8A8A8



292929

Same Dimension

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



1B3C27



1B4F2E



1B3C37



1C1F1D



005E22



00DE51

Inverse Universe

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



3C1B30



4F1B3C



3C1B20



1F1C1D



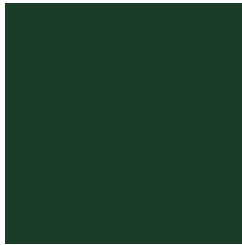
5E003C



DE008D

Previews

White Background



This preview shows how the Hex color 1B3C27 looks on a white background.

Color Contrast Check

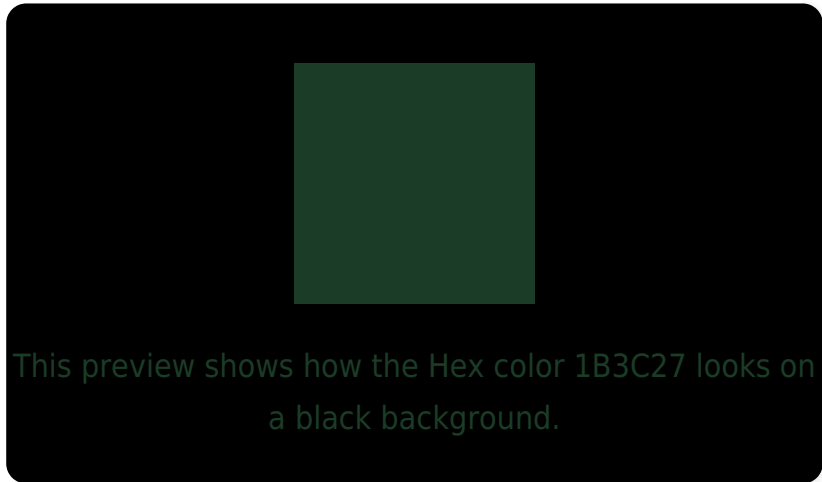
Large Text (above 18pt) WCAG AA ✓ Pass

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

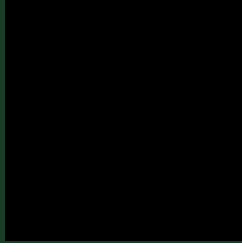
Any Text WCAG AA × Fail

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 1B3C27 Background



This preview shows how black text looks on a background with the Hex color 1B3C27.



This preview shows how white text looks on a background with the Hex color 1B3C27.

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
1B3C27

Protanopia
3A3524

Deuteranopia
3F3329



Tritanopia
21393E

Trichromacy



Original Color
1B3C27

Protanomaly
2F3825

Deuteranomaly
323628

Tritanomaly
1F3A36

Monochromacy



Original Color
1B3C27

Achromatopsia
303030

Achromatomaly
28342D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3C27 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 #1B3C27 looks like.

```
.text, #text, p{  
    color:#1B3C27  
}
```

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 #1B3C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3C27
}
```

Border

The CSS property to change the border of an element to Hex 1B3C27 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".

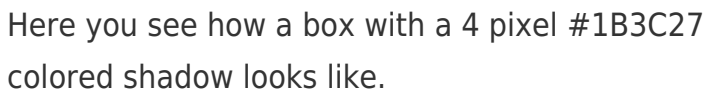
```
.border, #border, table{ border:4px solid
#1B3C27 }
```

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

```
.border{ border-color:#1B3C27 }
```

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

Here you see how a box with a 4 pixel #1B3C27 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3C27; -webkit-box-shadow:4px 4px  
4px 4px #1B3C27; box-shadow:4px 4px 4px  
4px #1B3C27 }
```

Background

The CSS property to change the background color of an element to Hex 1B3C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3C27 }
```

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

```
.background{ background-color:#1B3C27 }
```

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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