

Converting Colors

Hex(193D27)

Have a look what the booklet for
Hex(193D27) contains.

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Color

Hex(193D27)

Conversions

Conversions Part 1

Format	Color
Hex	193D27
RGB	25, 61, 39
RGB Percent	10%, 24%, 15%
CMY	0.9020, 0.7608, 0.8471
CMYK	0.59, 0.00, 0.36, 0.76
HSL	143°, 42%, 17%
HSV	143°, 59%, 24%
XYZ	2.4359, 3.6906, 2.5034
YIQ	47.7280, -14.3940, -14.4740

Conversions

Conversions Part 2

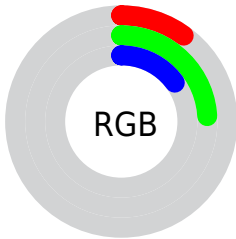
Format	Color
RYB	25, 51, 61
Decimal	1654055
CIELab	22.62, -19.06, 9.72
CIElCh	23, 21.390, 152.981
Yxy	3.6906, 0.2823, 0.4277
Android (android.graphics.Color)	4279844135 (0xFF193D27)
YUV	47.7280, -4.3029, -19.9325
Hunter-Lab	19.2110, -10.9865, 5.7215

Details

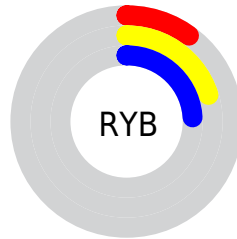
The Hex color **193D27** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D192F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **486D54**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **133D23**, and if you desaturate by 10%, it is **1F3D2B**.

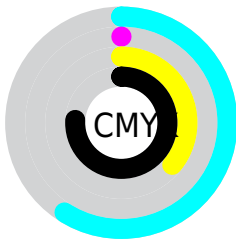
Distribution



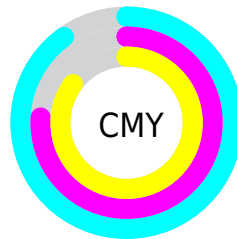
- Red (10%)
- Green (24%)
- Blue (15%)



- Red (10%)
- Yellow (20%)
- Blue (24%)



- Cyan (59%)
- Magenta (0%)
- Yellow (36%)
- Black (76%)



- Cyan (90%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193D27 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 193D27 by changing the saturation by 10% instead.

■ 193D27

■ 193D27

FFFFFF

■ 022713

■ 486D54

■ 001100

■ 60866C

■ 000000

■ 79A186

■ 93BCA0

■ AED7BB

■ CAF4D7

■ E6FFF3

■ 193D27

■ 193D27

■ 133D23

■ 1F3D2B

■ 0D3D20

■ 253D2E

■ 073D1C

■ 2B3D32

■ 013D18

■ 313D36

■ 003D18

■ 383D3A

■ 3E3D3D

■ 443D41

■ 4A3D45

■ 503D49

Harmonies

Analogous

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



2E3A1A



193D27



003E37

Triad

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



193D27



1E3756



532B26

Complementary

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



193D27



3D192F

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.



532935



193D27



393151

Square

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



193D27



003B52



4B2C45



4B301A

Rectangle

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



193D27



003E42



4B2C45



542A2A

Sweetspot

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



193D27



414F46



2F3D19



202923



A8A8A8



292929

Same Dimension

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



193D27



174F2D



193D39



1C1F1D



005E25



00DE56

Inverse Universe

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



3D192F



4F1739



3D191D



1F1C1D



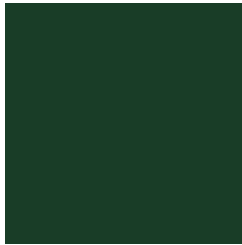
5E003A



DE0088

Previews

White Background



This preview shows how the Hex color 193D27 looks on a white background.

Color Contrast Check

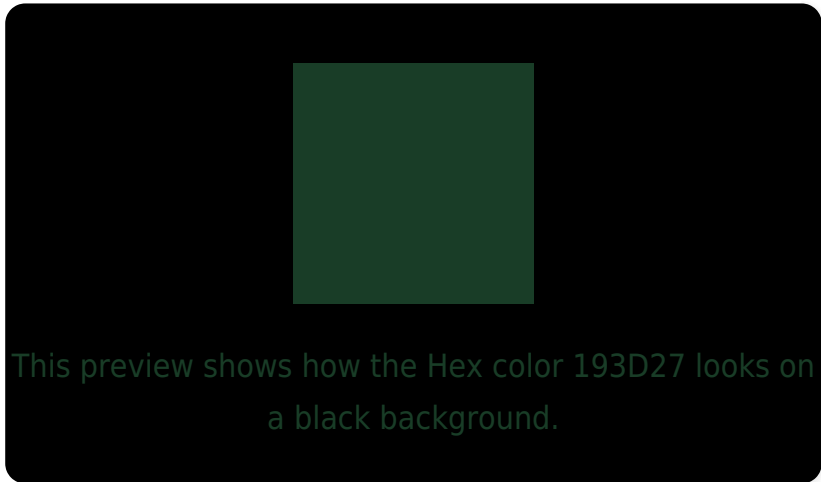
Large Text (above 18pt) WCAG AA ✓ Pass

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

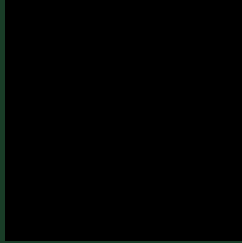
Any Text WCAG AA × Fail

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 193D27 Background



This preview shows how black text looks on a background with the Hex color 193D27.



This preview shows how white text looks on a background with the Hex color 193D27.

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
193D27

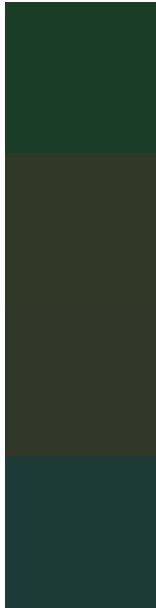
Protanopia
3B3624

Deuteranopia
3F3429



Tritanopia
203A3F

Trichromacy



Original Color
193D27

Protanomaly
2F3925

Deuteranomaly
313728

Tritanomaly
1D3B36

Monochromacy



Original Color
193D27

Achromatopsia
303030

Achromatomaly
28352D

CSS Examples

Text

The CSS property to change the color of the text to Hex 193D27 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 #193D27 looks like.

```
.text, #text, p{  
    color:#193D27  
}
```

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 #193D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193D27
}
```

Border

The CSS property to change the border of an element to Hex 193D27 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".

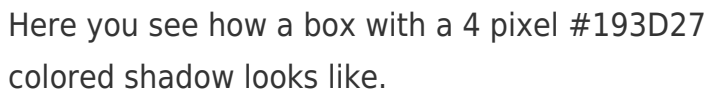
```
.border, #border, table{ border:4px solid
#193D27 }
```

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

```
.border{ border-color:#193D27 }
```

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

Here you see how a box with a 4 pixel #193D27 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193D27; -webkit-box-shadow:4px 4px  
4px 4px #193D27; box-shadow:4px 4px 4px  
4px #193D27 }
```

Background

The CSS property to change the background color of an element to Hex 193D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193D27 }
```

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

```
.background{ background-color:#193D27 }
```

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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