

Converting Colors

Hex(13533B)

Have a look what the booklet for
Hex(13533B) contains.

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Color

Hex(13533B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 13533B |
| RGB | 19, 83, 59 |
| RGB Percent | 7%, 33%, 23% |
| CMY | 0.9255, 0.6745, 0.7686 |
| CMYK | 0.77, 0.00, 0.29, 0.67 |
| HSL | 158°, 63%, 20% |
| HSV | 158°, 77%, 33% |
| XYZ | 4.1512, 6.6407, 5.2007 |
| YIQ | 61.1280, -30.4400, -21.0320 |

Conversions

Conversions Part 2

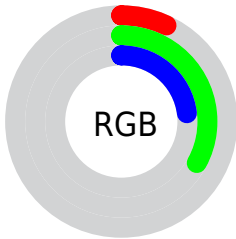
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 19, 58, 83 |
| Decimal | 1266491 |
| CIE Lab | 30.97, -26.39, 8.43 |
| CIE LCh | 31, 27.706, 162.296 |
| Yxy | 6.6407, 0.2596, 0.4152 |
| Android (android.graphics.Color) | 4279456571 (0xFF13533B) |
| YUV | 61.1280, -1.0491, -36.9463 |
| Hunter-Lab | 25.7696, -16.3422, 6.0732 |

Details

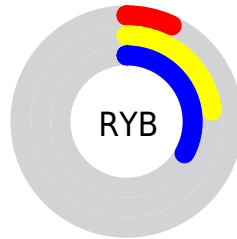
The Hex color **13533B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **53132B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **48856A**, and **002611** is the 20% darker color. If you saturate the color by 10%, you get **0B5338**, and if you desaturate by 10%, it is **1B533E**.

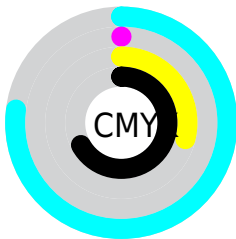
Distribution



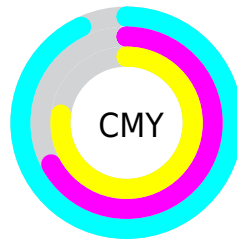
- Red (7%)
- Green (33%)
- Blue (23%)



- Red (7%)
- Yellow (23%)
- Blue (33%)



- Cyan (77%)
- Magenta (0%)
- Yellow (29%)
- Black (67%)



- Cyan (93%)
- Magenta (67%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13533B 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 13533B by changing the saturation by 10% instead.

 13533B

 13533B

FFFFFF

 003B25


 48856A

 002611

 629F83

 000700

 7CBB9E

 000000


 97D7B8

 B3F3D4

 CFFFF0

 EBFFFF

 13533B

 13533B

■ 0B5338

■ 1B533E

■ 025335

■ 245341

■ 005334

■ 2C5344

■ 345347

■ 3D534B

■ 45534E

■ 4D5351

■ 555354

■ 5E5357

Harmonies

Analogous

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



355028



13533B



005451

Triad

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



13533B



354873



6E3B2D

Complementary

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



13533B



53132B

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.



723741



13533B



564069

Square

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



13533B



004F72



6A3957



60431F

Rectangle

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



13533B



00535F



6A3957



703933

Sweetspot

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



13533B



526B62



2C5313



273630



B5B5B5



363636

Same Dimension

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



13533B



076B46



134C53



252927



006941



00E891

Inverse Universe

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



53132B



6B072D



531A13



292526



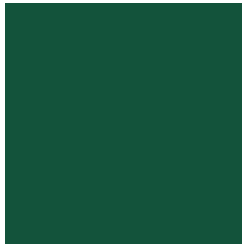
690027



E80057

Previews

White Background



This preview shows how the Hex color 13533B looks on a white background.

Color Contrast Check

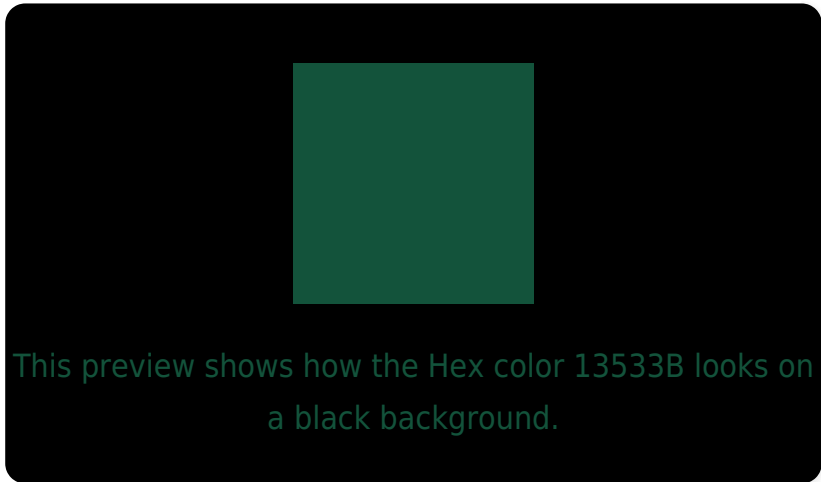
Large Text (above 18pt) WCAG AA ✓ Pass

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

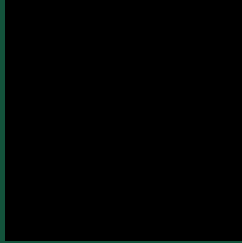
Any Text WCAG AA × Fail

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 13533B Background



This preview shows how black text looks on a background with the Hex color 13533B.



This preview shows how white text looks on a background with the Hex color 13533B.

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](#).

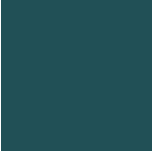
Dichromacy



Original Color
13533B

Protanopia
4E4936

Deuteranopia
54463E



Tritanopia
215056

Trichromacy



Original Color
13533B

Protanomaly
394D38

Deuteranomaly
3C4B3D

Tritanomaly
1C514C

Monochromacy



Original Color
13533B

Achromatopsia
3D3D3D

Achromatomaly
2E453C

CSS Examples

Text

The CSS property to change the color of the text to Hex 13533B 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 #13533B looks like.

```
.text, #text, p{  
    color:#13533B  
}
```

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 #13533B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13533B
}
```

Border

The CSS property to change the border of an element to Hex 13533B 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".

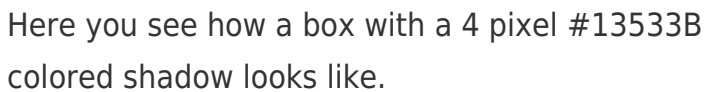
```
.border, #border, table{ border:4px solid
#13533B }
```

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

```
.border{ border-color:#13533B }
```

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

Here you see how a box with a 4 pixel #13533B 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 #13533B; -webkit-box-shadow:4px 4px  
4px 4px #13533B; box-shadow:4px 4px 4px  
4px #13533B }
```

Background

The CSS property to change the background color of an element to Hex 13533B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13533B }
```

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

```
.background{ background-color:#13533B }
```

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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