

Converting Colors

Hex(13632E)

Have a look what the booklet for
Hex(13632E) contains.

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Color

Hex(13632E)

Conversions

Conversions Part 1

Format	Color
Hex	13632E
RGB	19, 99, 46
RGB Percent	7%, 39%, 18%
CMY	0.9255, 0.6118, 0.8196
CMYK	0.81, 0.00, 0.54, 0.61
HSL	140°, 68%, 23%
HSV	140°, 81%, 39%
XYZ	5.2235, 9.2594, 4.0967
YIQ	69.0380, -30.6670, -33.4430

Conversions

Conversions Part 2

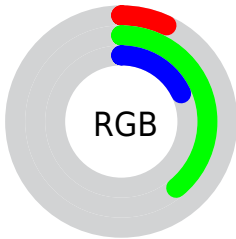
Format	Color
RYB	19, 79, 99
Decimal	1270574
CIELab	36.48, -36.10, 23.46
CIElCh	36, 43.058, 146.981
Yxy	9.2594, 0.2811, 0.4984
Android (android.graphics.Color)	4279460654 (0xFF13632E)
YUV	69.0380, -11.3577, -43.8833
Hunter-Lab	30.4292, -22.6095, 13.3182

Details

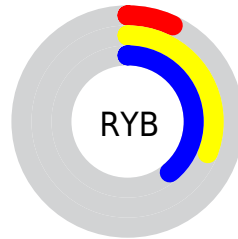
The Hex color **13632E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **631348**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4D975D**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **096327**, and if you desaturate by 10%, it is **1D6335**.

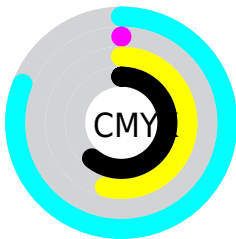
Distribution



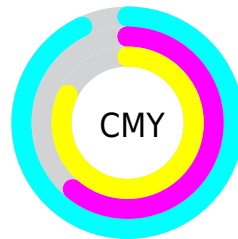
- Red (7%)
- Green (39%)
- Blue (18%)



- Red (7%)
- Yellow (31%)
- Blue (39%)



- Cyan (81%)
- Magenta (0%)
- Yellow (54%)
- Black (61%)



- Cyan (93%)
- Magenta (61%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13632E 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 13632E by changing the saturation by 10% instead.

 13632E

 13632E

FFFFFF

 004A18

 4D975D

 003300

 67B276

 001F00

 82CD90

 000000

 9EEAAB

 BAFFC6

 D6FFE2

 F3FFFF

 13632E

 13632E

■ 096327

■ 1D6335

■ 006321

■ 27633B

■ 316342

■ 3B6348

■ 45634F

■ 4E6355

■ 58635C

■ 626362

■ 6C6369

Harmonies

Analogous

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



485D10



13632E



006651

Triad

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



13632E



005B9B



933839

Complementary

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



13632E



631348

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.



91345B



13632E



4F4E94

Square

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



13632E



00638F



7C3F7C



84451B

Rectangle

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



13632E



006669



7C3F7C



943544

Sweetspot

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



13632E



61806B



486313



2D4034



BFBFBF



404040

Same Dimension

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



13632E



04802E



136356



2C302D



007026



00F051

Inverse Universe

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



631348



800456



631320



302C2F



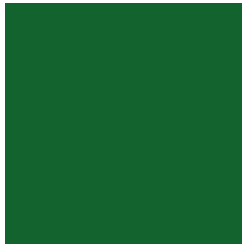
70004A



F0009F

Previews

White Background



This preview shows how the Hex color 13632E looks on a white background.

Color Contrast Check

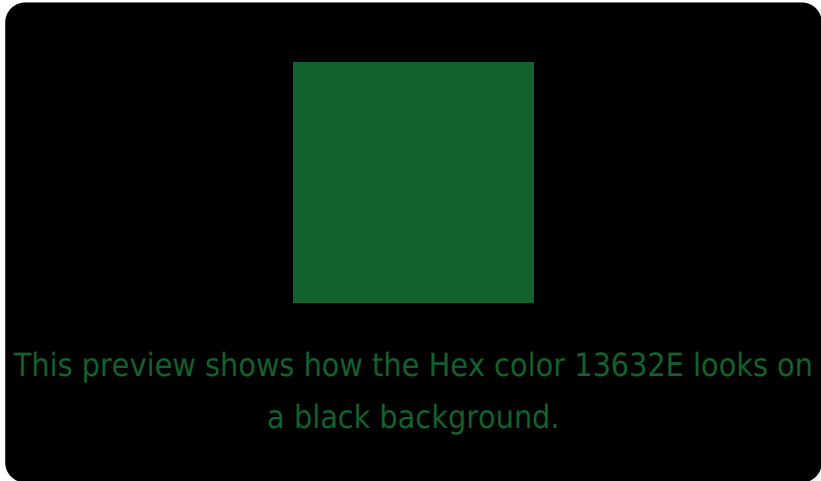
Large Text (above 18pt) WCAG AA ✓ Pass

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

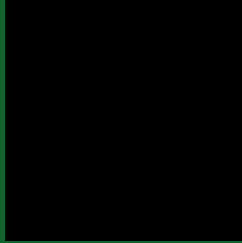
Any Text WCAG AA × Fail

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 13632E Background



This preview shows how black text looks on a background with the Hex color 13632E.



This preview shows how white text looks on a background with the Hex color 13632E.

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
13632E

Protanopia
5F562A

Deuteranopia
685233

Trichromacy



Original Color
13632E

Protanomaly
435B2B

Deuteranomaly
495831

Tritanomaly
225F51

Monochromacy



Original Color
13632E

Achromatopsia
454545

Achromatomaly
33503D

CSS Examples

Text

The CSS property to change the color of the text to Hex 13632E 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 #13632E looks like.

```
.text, #text, p{  
    color:#13632E  
}
```

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 #13632E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13632E
}
```

Border

The CSS property to change the border of an element to Hex 13632E 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
#13632E }
```

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

```
.border{ border-color:#13632E }
```

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

Here you see how a box with a 4 pixel #13632E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13632E; -webkit-box-shadow:4px 4px  
4px 4px #13632E; box-shadow:4px 4px 4px  
4px #13632E }
```

Background

The CSS property to change the background color of an element to Hex 13632E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13632E }
```

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

```
.background{ background-color:#13632E }
```

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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