

Converting Colors

Hex(1E4133)

Have a look what the booklet for
Hex(1E4133) contains.

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Color

Hex(1E4133)

Conversions

Conversions Part 1

Format	Color
Hex	1E4133
RGB	30, 65, 51
RGB Percent	12%, 25%, 20%
CMY	0.8824, 0.7451, 0.8000
CMYK	0.54, 0.00, 0.22, 0.75
HSL	156°, 37%, 19%
HSV	156°, 54%, 25%
XYZ	3.0233, 4.2956, 3.8018
YIQ	52.9390, -16.3660, -11.7740

Conversions

Conversions Part 2

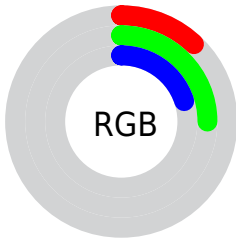
Format	Color
R_{YB}	30, 52, 65
Decimal	1982771
CIE Lab	24.63, -16.69, 4.68
CIE LCh	25, 17.331, 164.350
Yxy	4.2956, 0.2719, 0.3863
Android (android.graphics.Color)	4280172851 (0xFF1E4133)
YUV	52.9390, -0.9559, -20.1175
Hunter-Lab	20.7259, -10.2328, 3.6325

Details

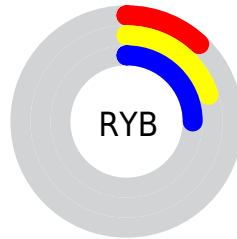
The Hex color **1E4133** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **411E2C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4D7161**, and **001805** is the 20% darker color. If you saturate the color by 10%, you get **184130**, and if you desaturate by 10%, it is **254136**.

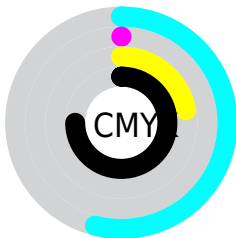
Distribution



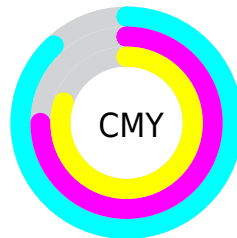
- Red (12%)
- Green (25%)
- Blue (20%)



- Red (12%)
- Yellow (20%)
- Blue (25%)



- Cyan (54%)
- Magenta (0%)
- Yellow (22%)
- Black (75%)



- Cyan (88%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E4133 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 1E4133 by changing the saturation by 10% instead.

 1E4133

 1E4133

FFFFFF

 062B1E

 4D7161

 001805

 658B7A

 000000


 7FA594

 99C0AE

 B4DCCA

 D0F9E6

 ECF7FF

 1E4133

 1E4133

■ 184130

■ 254136

■ 11412E

■ 2B4138

■ 0B412B

■ 31413B

■ 044129

■ 38413D

■ 004127

■ 3F4140

■ 454143

■ 4B4145

■ 524148

■ 59414A

Harmonies

Analogous

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



2E3F27



1E4133



0D4140

Triad

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



1E4133



323A54



513329

Complementary

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



1E4133



411E2C

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.



543035



1E4133



44354D

Square

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



1E4133



1C3E53



503142



493721

Rectangle

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



1E4133



064149



503142



53322C

Sweetspot

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



1E4133



47544F



2C411E



232B28



ABABAB



2B2B2B

Same Dimension

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



1E4133



1D543E



1E3D41



1E2120



00613A



00E087

Inverse Universe

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



411E2C



541D33



41211E



211E1F



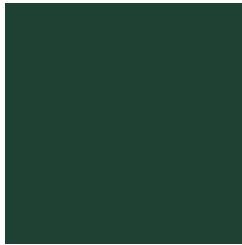
610027



E0005A

Previews

White Background



This preview shows how the Hex color 1E4133 looks on a white background.

Color Contrast Check

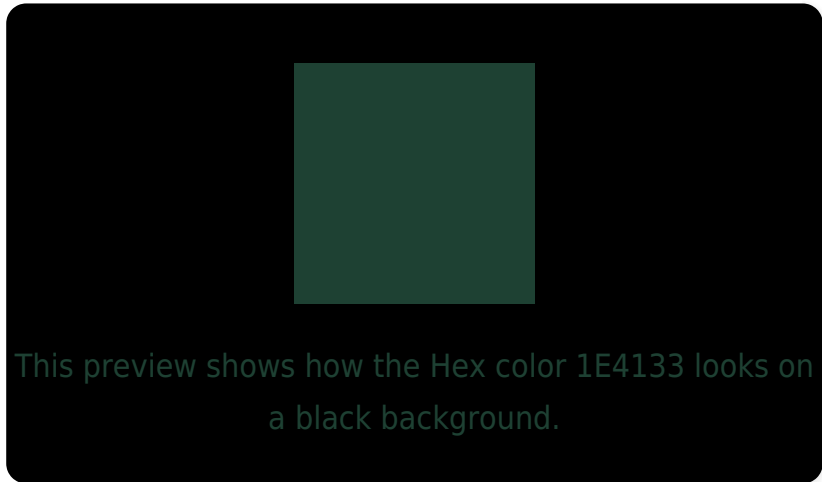
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E4133 Background



This preview shows how black text looks on a background with the Hex color 1E4133.



This preview shows how white text looks on a background with the Hex color 1E4133.

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](#).

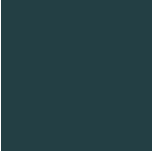
Dichromacy



Original Color
1E4133

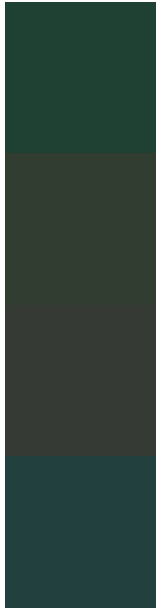
Protanopia
3E3A30

Deuteranopia
423835



Tritanopia
233F44

Trichromacy



Original Color
1E4133

Protanomaly
323D31

Deuteranomaly
353B34

Tritanomaly
21403E

Monochromacy



Original Color
1E4133

Achromatopsia
353535

Achromatomaly
2D3934

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E4133 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 #1E4133 looks like.

```
.text, #text, p{  
    color:#1E4133  
}
```

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 #1E4133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4133
}
```

Border

The CSS property to change the border of an element to Hex 1E4133 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
#1E4133 }
```

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

```
.border{ border-color:#1E4133 }
```

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

Here you see how a box with a 4 pixel #1E4133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4133; -webkit-box-shadow:4px 4px  
4px 4px #1E4133; box-shadow:4px 4px 4px  
4px #1E4133 }
```

Background

The CSS property to change the background color of an element to Hex 1E4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4133 }
```

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

```
.background{ background-color:#1E4133 }
```

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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