

Converting Colors

Hex(1E4A57)

Have a look what the booklet for
Hex(1E4A57) contains.

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Color

Hex(1E4A57)

Conversions

Conversions Part 1

Format	Color
Hex	1E4A57
RGB	30, 74, 87
RGB Percent	12%, 29%, 34%
CMY	0.8824, 0.7098, 0.6588
CMYK	0.66, 0.15, 0.00, 0.66
HSL	194°, 49%, 23%
HSV	194°, 66%, 34%
XYZ	4.7045, 5.8617, 9.9003
YIQ	62.3260, -30.3970, -5.2850

Conversions

Conversions Part 2

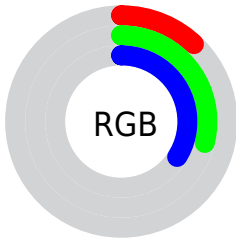
Format	Color
R_{YB}	30, 55, 87
Decimal	1985111
CIE _{Lab}	29.06, -10.65, -12.24
CIE _{LCh}	29, 16.225, 228.991
Yxy	5.8617, 0.2299, 0.2864
Android (android.graphics.Color)	4280175191 (0xFF1E4A57)
YUV	62.3260, 12.1643, -28.3499
Hunter-Lab	24.2109, -7.6843, -7.2971

Details

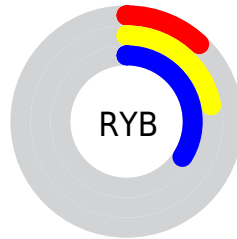
The Hex color **1E4A57** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **572B1E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **517B89**, and **001E2A** is the 20% darker color. If you saturate the color by 10%, you get **154857**, and if you desaturate by 10%, it is **274C57**.

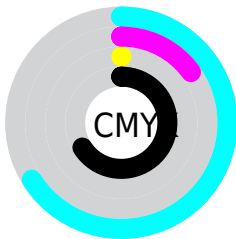
Distribution



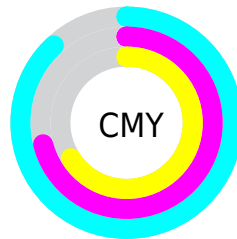
- Red (12%)
- Green (29%)
- Blue (34%)



- Red (12%)
- Yellow (22%)
- Blue (34%)



- Cyan (66%)
- Magenta (15%)
- Yellow (0%)
- Black (66%)



- Cyan (88%)
- Magenta (71%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E4A57 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 1E4A57 by changing the saturation by 10% instead.

■ 1E4A57

■ 1E4A57

FFFFFF

■ 003340

■ 517B89

■ 001E2A

■ 6A95A3

■ 000116

■ 85AFBE

■ 000000

■ A0CBDA

■ BBE7F6

■ D7FFFF

■ F4FFFF

■ 1E4A57

■ 1E4A57

■ 154857

■ 274C57

■ 0D4657

■ 2F4E57

■ 044457

■ 385057

■ 004357

■ 415257

■ 4A5457

■ 525657

■ 5B5857

■ 645A57

■ 6C5C57

Harmonies

Analogous

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



1D4B4C



1E4A57



2D475D

Triad

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



1E4A57



5A3C4A



45462D

Complementary

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



1E4A57



572B1E

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.



51422C



1E4A57



5E3B3D

Square

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



1E4A57



503F55



5A3E32



374934

Rectangle

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



1E4A57



3A445D



5A3E32



49452C

Sweetspot

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



1E4A57



5A6B70



1E572A



2B3538



B8B8B8



383838

Same Dimension

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



1E4A57



185C70



1E2E57



272A2B



00536B



00B5EB

Inverse Universe

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



571E4A



70185C



57471E



2B272A



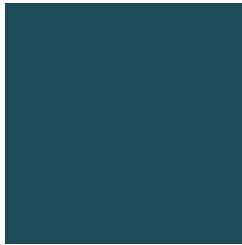
6B0053



EB00B5

Previews

White Background



This preview shows how the Hex color 1E4A57 looks on a white background.

Color Contrast Check

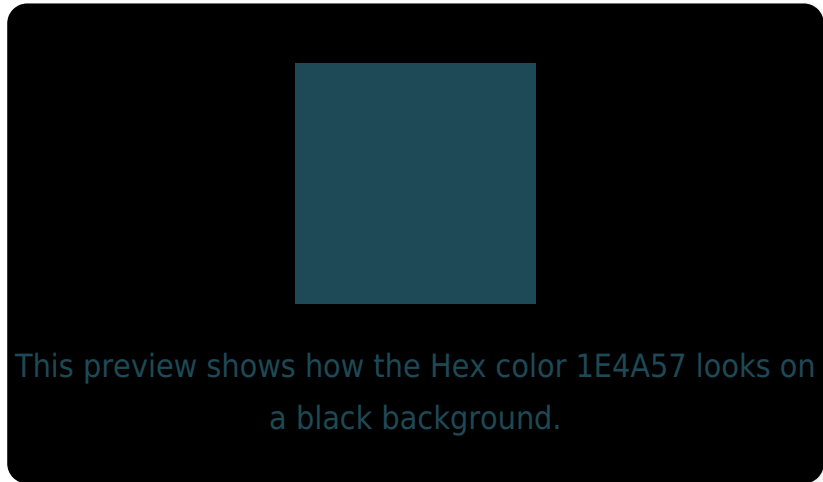
Large Text (above 18pt) WCAG AA ✓ Pass

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

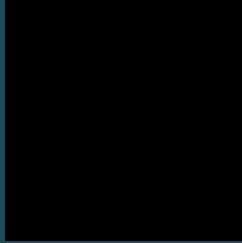
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

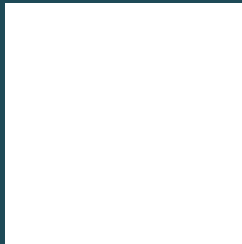
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1E4A57 Background



This preview shows how black text looks on a background with the Hex color 1E4A57.



This preview shows how white text looks on a background with the Hex color 1E4A57.

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
1E4A57

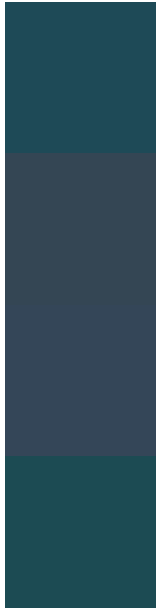
Protanopia
414453

Deuteranopia
404359



Tritanopia
1B4B51

Trichromacy



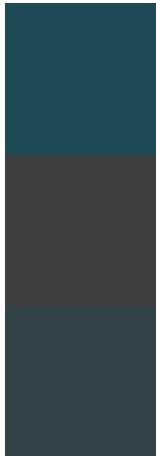
Original Color
1E4A57

Protanomaly
344654

Deuteranomaly
344658

Tritanomaly
1C4B53

Monochromacy



Original Color
1E4A57

Achromatopsia
3E3E3E

Achromatomaly
324247

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E4A57 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 #1E4A57 looks like.

```
.text, #text, p{  
    color:#1E4A57  
}
```

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 #1E4A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4A57
}
```

Border

The CSS property to change the border of an element to Hex 1E4A57 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
#1E4A57 }
```

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

```
.border{ border-color:#1E4A57 }
```

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

Here you see how a box with a 4 pixel #1E4A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4A57; -webkit-box-shadow:4px 4px  
4px 4px #1E4A57; box-shadow:4px 4px 4px  
4px #1E4A57 }
```

Background

The CSS property to change the background color of an element to Hex 1E4A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4A57 }
```

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

```
.background{ background-color:#1E4A57 }
```

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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