

Converting Colors

Hex(194E4E)

Have a look what the booklet for
Hex(194E4E) contains.

Hex(194E4E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(194E4E)

Conversions

Conversions Part 1

Format	Color
Hex	194E4E
RGB	25, 78, 78
RGB Percent	10%, 31%, 31%
CMY	0.9020, 0.6941, 0.6941
CMYK	0.68, 0.00, 0.00, 0.69
HSL	180°, 51%, 20%
HSV	180°, 68%, 31%
XYZ	4.5004, 6.2055, 8.1683
YIQ	62.1530, -31.5880, -11.2360

Conversions

Conversions Part 2

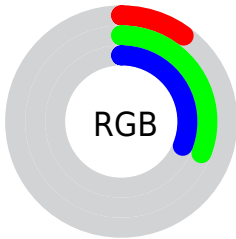
Format	Color
RYB	25, 52, 78
Decimal	1658446
CIELab	29.93, -17.07, -5.17
CIElCh	30, 17.831, 196.852
Yxy	6.2055, 0.2384, 0.3288
Android (android.graphics.Color)	4279848526 (0xFF194E4E)
YUV	62.1530, 7.8126, -32.5832
Hunter-Lab	24.9109, -11.3459, -2.0037

Details

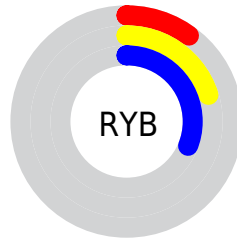
The Hex color **194E4E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E1919**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4D7F7F**, and **002122** is the 20% darker color. If you saturate the color by 10%, you get **114E4E**, and if you desaturate by 10%, it is **214E4E**.

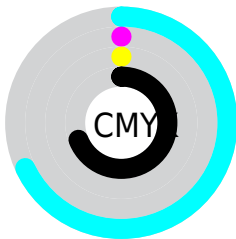
Distribution



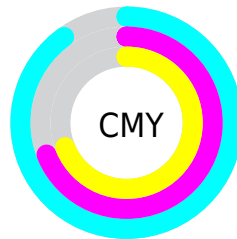
- Red (10%)
- Green (31%)
- Blue (31%)



- Red (10%)
- Yellow (20%)
- Blue (31%)



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (69%)



- Cyan (90%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194E4E 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 194E4E by changing the saturation by 10% instead.



194E4E



194E4E

FFFFFF



003737



4D7F7F



002122



669999



00000C



80B4B4



000000



9BD0CF



B7ECEB



D3FFFF



F0FFFF



194E4E



194E4E

■ 114E4E

■ 214E4E

■ 094E4E

■ 294E4E

■ 024E4E

■ 304E4E

■ 004E4E

■ 384E4E

■ 404E4E

■ 484E4E

■ 504E4E

■ 574E4E

■ 5F4E4E

Harmonies

Analogous

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



284E40



194E4E



184D5A

Triad

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



194E4E



52405A



55442C

Complementary

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



194E4E



4E1919

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.



5F3F33



194E4E



5E3D4D

Square

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



194E4E



404561



623C3F



48482C

Rectangle

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



194E4E



234B60



623C3F



59422D

Sweetspot

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



194E4E



526666



194E19



273333



B3B3B3



333333

Same Dimension

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



194E4E



126666



19344E



222626



006666



00E6E6

Inverse Universe

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



4E194E



661266



4E3419



262226



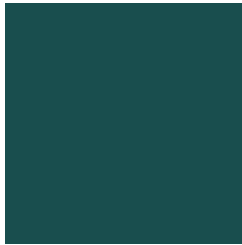
660066



E600E6

Previews

White Background



This preview shows how the Hex color 194E4E looks on a white background.

Color Contrast Check

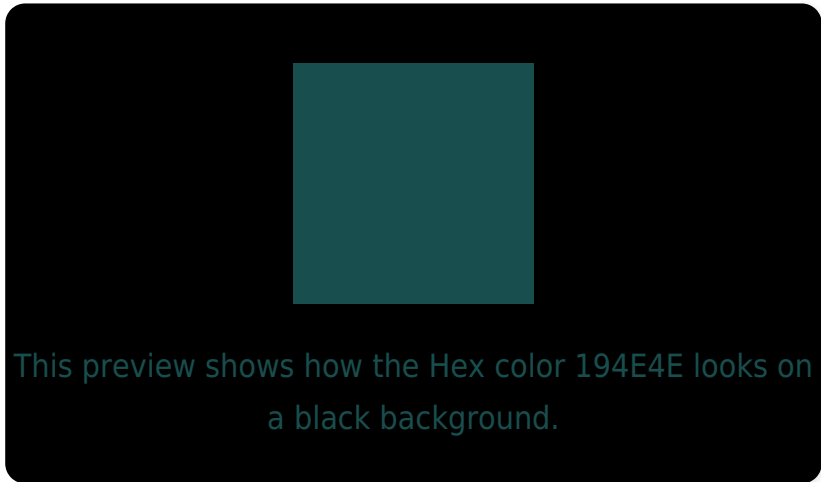
Large Text (above 18pt) WCAG AA ✓ Pass

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

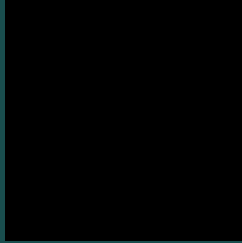
Any Text WCAG AA × Fail

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 194E4E Background



This preview shows how black text looks on a background with the Hex color 194E4E.



This preview shows how white text looks on a background with the Hex color 194E4E.

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
194E4E

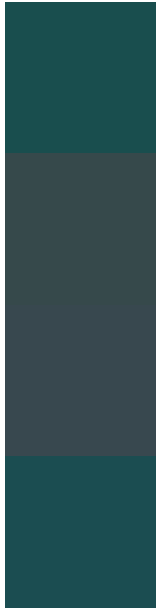
Protanopia
474649

Deuteranopia
494550



Tritanopia
1C4D53

Trichromacy



Original Color
194E4E

Protanomaly
36494B

Deuteranomaly
38484F

Tritanomaly
1B4D51

Monochromacy



Original Color
194E4E

Achromatopsia
3E3E3E

Achromatomaly
314444

CSS Examples

Text

The CSS property to change the color of the text to Hex 194E4E 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 #194E4E looks like.

```
.text, #text, p{  
    color:#194E4E  
}
```

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 #194E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194E4E
}
```

Border

The CSS property to change the border of an element to Hex 194E4E 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".

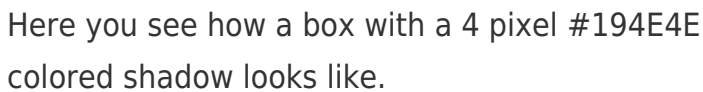
```
.border, #border, table{ border:4px solid
#194E4E }
```

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

```
.border{ border-color:#194E4E }
```

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

Here you see how a box with a 4 pixel #194E4E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194E4E; -webkit-box-shadow:4px 4px  
4px 4px #194E4E; box-shadow:4px 4px 4px  
4px #194E4E }
```

Background

The CSS property to change the background color of an element to Hex 194E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194E4E }
```

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

```
.background{ background-color:#194E4E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor