

Converting Colors

Hex(19414E)

Have a look what the booklet for
Hex(19414E) contains.

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Color

Hex(19414E)

Conversions

Conversions Part 1

Format	Color
Hex	19414E
RGB	25, 65, 78
RGB Percent	10%, 25%, 31%
CMY	0.9020, 0.7451, 0.6941
CMYK	0.68, 0.17, 0.00, 0.69
HSL	195°, 51%, 20%
HSV	195°, 68%, 31%
XYZ	3.6663, 4.5373, 7.8903
YIQ	54.5220, -28.0130, -4.4370

Conversions

Conversions Part 2

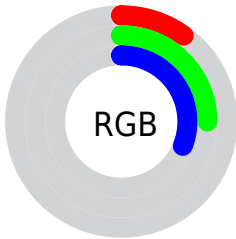
Format	Color
R_{YB}	25, 48, 78
Decimal	1655118
CIE _{Lab}	25.37, -9.39, -12.05
CIE _{LCh}	25, 15.278, 232.057
Yxy	4.5373, 0.2278, 0.2819
Android (android.graphics.Color)	4279845198 (0xFF19414E)
YUV	54.5220, 11.5747, -25.8908
Hunter-Lab	21.3010, -6.5532, -7.0514

Details

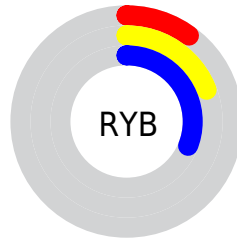
The Hex color **19414E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4E2619**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **4B717F**, and **001722** is the 20% darker color. If you saturate the color by 10%, you get **113F4E**, and if you desaturate by 10%, it is **21434E**.

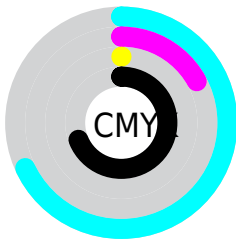
Distribution



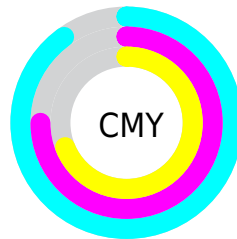
- Red (10%)
- Green (25%)
- Blue (31%)



- Red (10%)
- Yellow (19%)
- Blue (31%)



- Cyan (68%)
- Magenta (17%)
- Yellow (0%)
- Black (69%)



- Cyan (90%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19414E 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 19414E by changing the saturation by 10% instead.

■ 19414E

■ 19414E

FFFFFF

■ 002B37

■ 4B717F

■ 001722

■ 648A99

■ 00000A

■ 7EA5B4

■ 000000

■ 99C0CF

■ B4DCEC

■ D0F8FF

■ EDFFFF

■ 19414E

■ 19414E

■ 113F4E

■ 21434E

■ 093D4E

■ 29454E

■ 023B4E

■ 30474E

■ 003B4E

■ 38494E

■ 404B4E

■ 484C4E

■ 504E4E

■ 57504E

■ 5F524E

Harmonies

Analogous

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



164244



19414E



283E53

Triad

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



19414E



513440



3B3E26

Complementary

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



19414E



4E2619

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.



473A25



19414E



533434

Square

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



19414E



48364A



4F372A



2E412E

Rectangle

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



19414E



343C53



4F372A



3F3D25

Sweetspot

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



19414E



526166



194E25



273033



B3B3B3



333333

Same Dimension

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



19414E



125166



19274E



222526



004D66



00ADE6

Inverse Universe

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



4E1941



661251



4E4019



262225



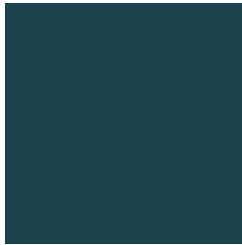
66004D



E600AD

Previews

White Background



This preview shows how the Hex color 19414E looks on a white background.

Color Contrast Check

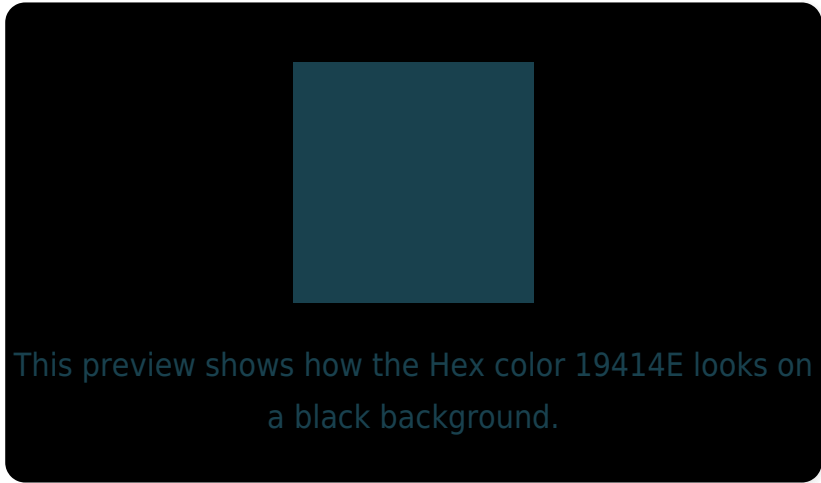
Large Text (above 18pt) WCAG AA ✓ Pass

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

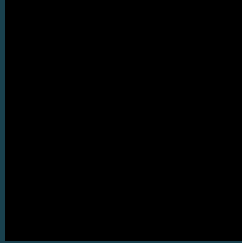
Any Text WCAG AA × Fail

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 19414E Background



This preview shows how black text looks on a background with the Hex color 19414E.



This preview shows how white text looks on a background with the Hex color 19414E.

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
19414E

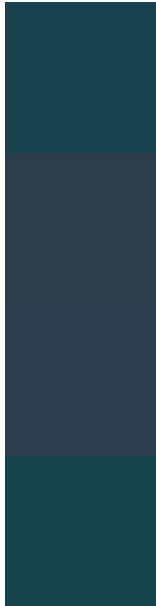
Protanopia
393B4A

Deuteranopia
373B4F



Tritanopia
154247

Trichromacy



Original Color
19414E

Protanomaly
2D3D4B

Deuteranomaly
2C3D4F

Tritanomaly
16424A

Monochromacy



Original Color
19414E

Achromatopsia
373737

Achromatomaly
2C3B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 19414E 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 #19414E looks like.

```
.text, #text, p{  
    color:#19414E  
}
```

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 #19414E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19414E
}
```

Border

The CSS property to change the border of an element to Hex 19414E 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".

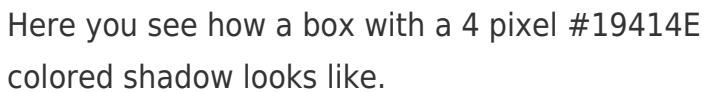
```
.border, #border, table{ border:4px solid
#19414E }
```

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

```
.border{ border-color:#19414E }
```

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

Here you see how a box with a 4 pixel #19414E colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19414E; -webkit-box-shadow:4px 4px  
4px 4px #19414E; box-shadow:4px 4px 4px  
4px #19414E }
```

Background

The CSS property to change the background color of an element to Hex 19414E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19414E }
```

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

```
.background{ background-color:#19414E }
```

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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