

Converting Colors

Hex(194D46)

Have a look what the booklet for
Hex(194D46) contains.

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Color

Hex(194D46)

Conversions

Conversions Part 1

Format	Color
Hex	194D46
RGB	25, 77, 70
RGB Percent	10%, 30%, 27%
CMY	0.9020, 0.6980, 0.7255
CMYK	0.68, 0.00, 0.09, 0.70
HSL	172°, 51%, 20%
HSV	172°, 68%, 30%
XYZ	4.1603, 5.9566, 6.7248
YIQ	60.6540, -28.7450, -13.2010

Conversions

Conversions Part 2

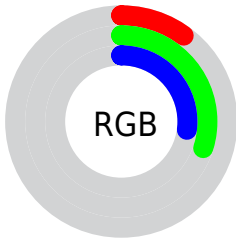
Format	Color
R_{YB}	25, 53, 77
Decimal	1658182
CIE _{Lab}	29.30, -19.06, -0.95
CIE _{LCh}	29, 19.084, 182.848
Yxy	5.9566, 0.2470, 0.3537
Android (android.graphics.Color)	4279848262 (0xFF194D46)
YUV	60.6540, 4.6076, -31.2686
Hunter-Lab	24.4062, -12.2838, 0.7477

Details

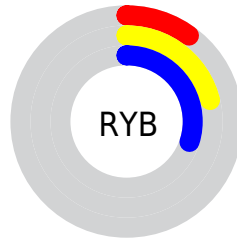
The Hex color **194D46** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D1920**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4C7E76**, and **00211B** is the 20% darker color. If you saturate the color by 10%, you get **114D45**, and if you desaturate by 10%, it is **214D47**.

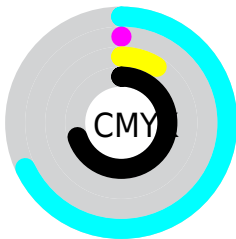
Distribution



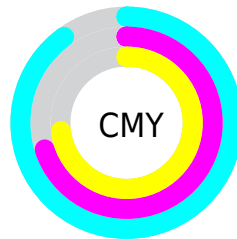
- Red (10%)
- Green (30%)
- Blue (27%)



- Red (10%)
- Yellow (21%)
- Blue (30%)



- Cyan (68%)
- Magenta (0%)
- Yellow (9%)
- Black (70%)



- Cyan (90%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194D46 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 194D46 by changing the saturation by 10% instead.

 194D46

 194D46

FFFFFF

 003630

 4C7E76

 00211B

 659890

 000000

 7FB3AA

 9ACFC6

 B5EBE2

 D1FFFE

 EEEFFF

 194D46

 194D46

■ 114D45

■ 214D47

■ 0A4D44

■ 284D48

■ 024D43

■ 304D49

■ 004D43

■ 384D4A

■ 3F4D4B

■ 474D4C

■ 4F4D4D

■ 574D4E

■ 5E4D4F

Harmonies

Analogous

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



2C4C37



194D46



0B4C55

Triad

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



194D46



49415E



5A402B

Complementary

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



194D46



4D1920

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.



613B36



194D46



593C53

Square

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



194D46



324662



613A44



4E4527

Rectangle

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



194D46



124B5C



613A44



5D3E2E

Sweetspot

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



194D46



506361



214D19



273331



B3B3B3



333333

Same Dimension

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



194D46



136359



193B4D



222626



006658



00E6C7

Inverse Universe

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



4D1920



63131E



4D2B19



262223



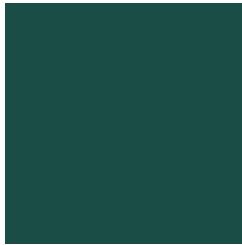
66000E



E6001F

Previews

White Background



This preview shows how the Hex color 194D46 looks on a white background.

Color Contrast Check

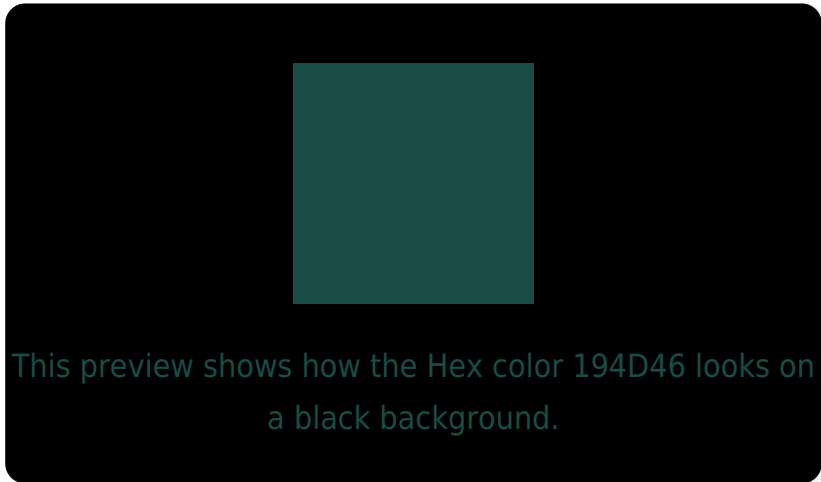
Large Text (above 18pt) WCAG AA ✓ Pass

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

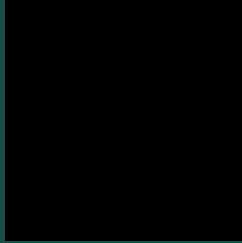
Any Text WCAG AA × Fail

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 194D46 Background



This preview shows how black text looks on a background with the Hex color 194D46.



This preview shows how white text looks on a background with the Hex color 194D46.

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
194D46

Protanopia
474541

Deuteranopia
4A4348



Tritanopia
1F4B51

Trichromacy



Original Color
194D46

Protanomaly
364843

Deuteranomaly
384747

Tritanomaly
1D4C4D

Monochromacy



Original Color
194D46

Achromatopsia
3D3D3D

Achromatomaly
304340

CSS Examples

Text

The CSS property to change the color of the text to Hex 194D46 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 #194D46 looks like.

```
.text, #text, p{  
    color:#194D46  
}
```

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 #194D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194D46
}
```

Border

The CSS property to change the border of an element to Hex 194D46 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
#194D46 }
```

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

```
.border{ border-color:#194D46 }
```

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

Here you see how a box with a 4 pixel #194D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194D46; -webkit-box-shadow:4px 4px  
4px 4px #194D46; box-shadow:4px 4px 4px  
4px #194D46 }
```

Background

The CSS property to change the background color of an element to Hex 194D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194D46 }
```

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

```
.background{ background-color:#194D46 }
```

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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