

Converting Colors

Hex(194F40)

Have a look what the booklet for
Hex(194F40) contains.

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Color

Hex(194F40)

Conversions

Conversions Part 1

Format	Color
Hex	194F40
RGB	25, 79, 64
RGB Percent	10%, 31%, 25%
CMY	0.9020, 0.6902, 0.7490
CMYK	0.68, 0.00, 0.19, 0.69
HSL	163°, 52%, 20%
HSV	163°, 68%, 31%
XYZ	4.1223, 6.1688, 5.8239
YIQ	61.1440, -27.3690, -16.1130

Conversions

Conversions Part 2

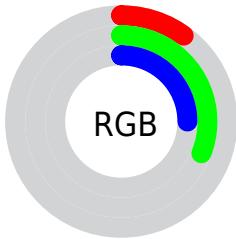
Format	Color
R_{YB}	25, 56, 79
Decimal	1658688
CIE _{Lab}	29.83, -21.89, 3.67
CIE _{LCh}	30, 22.195, 170.484
Yxy	6.1688, 0.2558, 0.3828
Android (android.graphics.Color)	4279848768 (0xFF194F40)
YUV	61.1440, 1.4080, -31.6983
Hunter-Lab	24.8371, -13.8386, 3.4833




Details

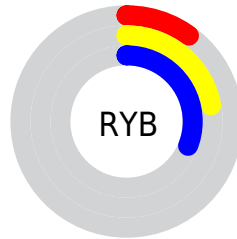
The Hex color **194F40** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4F1928**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **4C8170**, and **002216** is the 20% darker color. If you saturate the color by 10%, you get **114F3E**, and if you desaturate by 10%, it is **214F42**.

Distribution







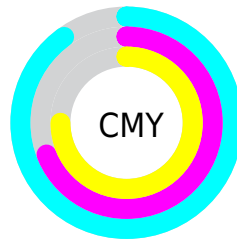
-  Red (10%)
-  Green (31%)
-  Blue (25%)






-  Red (10%)
-  Yellow (22%)
-  Blue (31%)



-  Cyan (68%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (69%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 194F40 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 194F40 by changing the saturation by 10% instead.

 194F40

 194F40

FFFFFF

 00382A

 4C8170

 002216

 659B89

 000000

 7FB6A3

 9AD1BE

 B5EEDA

 D1FFF7

 EEEFFF

 194F40

 194F40

■ 114F3E

■ 214F42

■ 094F3C

■ 294F44

■ 014F39

■ 314F47

■ 004F39

■ 394F49

■ 414F4B

■ 484F4D

■ 504F4F

■ 584F52

■ 604F54

Harmonies

Analogous

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



324D30



194F40



004F52

Triad

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



194F40



404466



623D2C

Complementary

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



194F40



4F1928

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.



68393B



194F40



563D5C

Square

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



194F40



214A68



64394D



564324

Rectangle

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



194F40



004E5C



64394D



653C31

Sweetspot

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



194F40



516660



284F19



26332F



B3B3B3



333333

Same Dimension

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



194F40



12664F



19434F



222625



00664A



00E6A6

Inverse Universe

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



4F1928



66122A



4F2519



262223



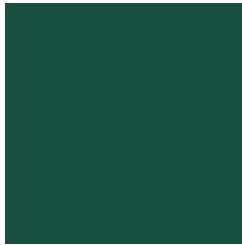
66001C



E60040

Previews

White Background



This preview shows how the Hex color 194F40 looks on a white background.

Color Contrast Check

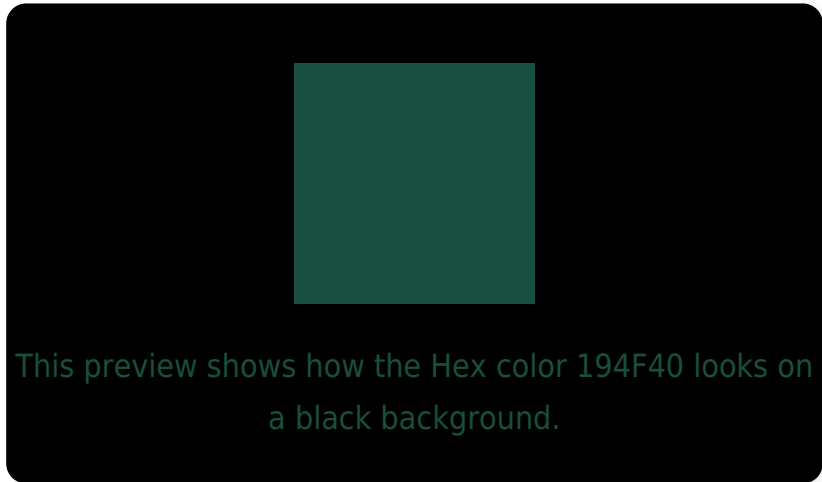
Large Text (above 18pt) WCAG AA ✓ Pass

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

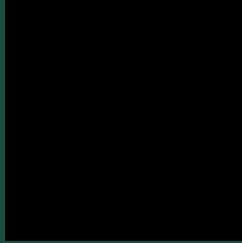
Any Text WCAG AA × Fail

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 194F40 Background



This preview shows how black text looks on a background with the Hex color 194F40.



This preview shows how white text looks on a background with the Hex color 194F40.

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
194F40

Protanopia
4A463B

Deuteranopia
4E4442

Trichromacy



Original Color
194F40

Protanomaly
38493D

Deuteranomaly
3B4841

Tritanomaly
1E4D4C

Monochromacy



Original Color
194F40

Achromatopsia
3D3D3D

Achromatomaly
30443E

CSS Examples

Text

The CSS property to change the color of the text to Hex 194F40 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 #194F40 looks like.

```
.text, #text, p{  
    color:#194F40  
}
```

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 #194F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194F40
}
```

Border

The CSS property to change the border of an element to Hex 194F40 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
#194F40 }
```

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

```
.border{ border-color:#194F40 }
```

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

Here you see how a box with a 4 pixel #194F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194F40; -webkit-box-shadow:4px 4px  
4px 4px #194F40; box-shadow:4px 4px 4px  
4px #194F40 }
```

Background

The CSS property to change the background color of an element to Hex 194F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194F40 }
```

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

```
.background{ background-color:#194F40 }
```

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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