

Converting Colors

Hex(194736)

Have a look what the booklet for
Hex(194736) contains.

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Color

Hex(194736)

Conversions

Conversions Part 1

Format	Color
Hex	194736
RGB	25, 71, 54
RGB Percent	10%, 28%, 21%
CMY	0.9020, 0.7216, 0.7882
CMYK	0.65, 0.00, 0.24, 0.72
HSL	158°, 48%, 19%
HSV	158°, 65%, 28%
XYZ	3.3200, 4.9795, 4.2762
YIQ	55.3080, -21.9590, -15.0390

Conversions

Conversions Part 2

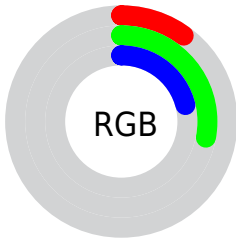
Format	Color
RYB	25, 53, 71
Decimal	1656630
CIELab	26.68, -20.51, 5.60
CIELCh	27, 21.255, 164.731
Yxy	4.9795, 0.2640, 0.3960
Android (android.graphics.Color)	4279846710 (0xFF194736)
YUV	55.3080, -0.6448, -26.5801
Hunter-Lab	22.3148, -12.4936, 4.2586

Details

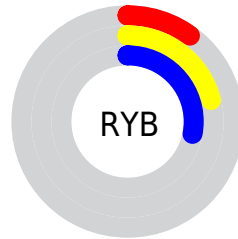
The Hex color **194736** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47192A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4A7865**, and **001D0A** is the 20% darker color. If you saturate the color by 10%, you get **124733**, and if you desaturate by 10%, it is **204739**.

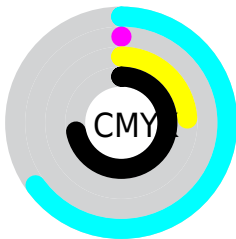
Distribution



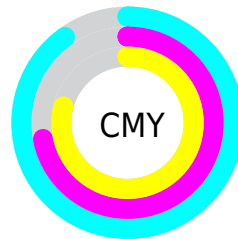
- Red (10%)
- Green (28%)
- Blue (21%)



- Red (10%)
- Yellow (21%)
- Blue (28%)



- Cyan (65%)
- Magenta (0%)
- Yellow (24%)
- Black (72%)



- Cyan (90%)
- Magenta (72%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194736 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 194736 by changing the saturation by 10% instead.

■ 194736

■ 194736

FFFFFF

■ 003021

■ 4A7865

■ 001D0A

■ 63927E

■ 000000

■ 7CAC97

■ 97C8B2

■ B2E4CE

■ CEFFEA

■ EAFFFF

■ 194736

■ 194736

■ 124733

■ 204739

■ 0B4731

■ 27473B

■ 04472E

■ 2E473E

■ 00472D

■ 354740

■ 3C4743

■ 444746

■ 4B4748

■ 52474B

■ 59474E

Harmonies

Analogous

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



2F4527



194736



004847

Triad

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



194736



343E5E



5B3629

Complementary

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



194736



47192A

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.



5E3238



194736



4B3856

Square

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



194736



13435E



593348



503B20

Rectangle

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



194736



004751



593348



5D342D

Sweetspot

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



194736



4A5C55



2B4719



232E2A



ADADAD



2E2E2E

Same Dimension

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



194736



145C41



194247



202422



00633F



00E38F

Inverse Universe

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



47192A



5C142F



471E19



242021



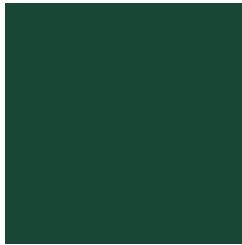
630025



E30054

Previews

White Background



This preview shows how the Hex color 194736 looks on a white background.

Color Contrast Check

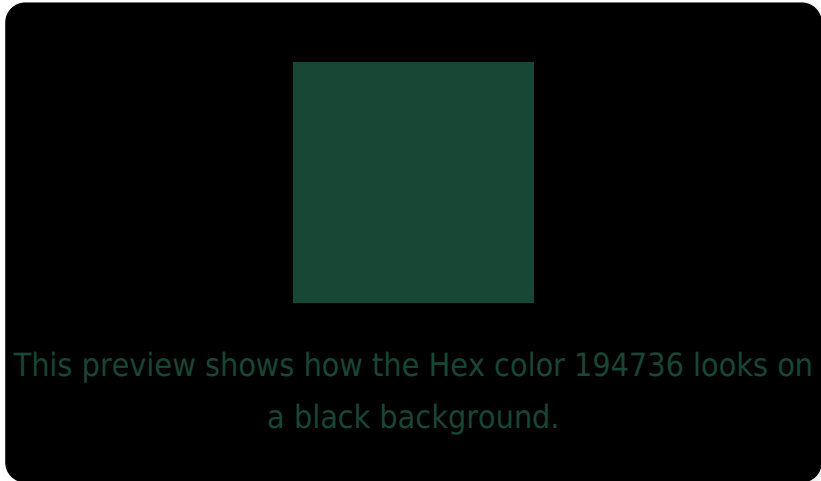
Large Text (above 18pt) WCAG AA ✓ Pass

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

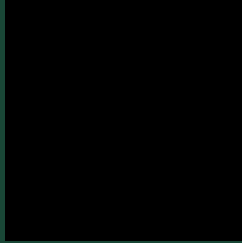
Any Text WCAG AA × Fail

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 194736 Background



This preview shows how black text looks on a background with the Hex color 194736.



This preview shows how white text looks on a background with the Hex color 194736.

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](#).

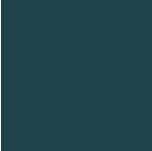
Dichromacy



Original Color
194736

Protanopia
433F32

Deuteranopia
473D38



Tritanopia
21444A

Trichromacy



Original Color
194736

Protanomaly
344233

Deuteranomaly
364137

Tritanomaly
1E4543

Monochromacy



Original Color
194736

Achromatopsia
373737

Achromatomaly
2C3D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 194736 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 #194736 looks like.

```
.text, #text, p{  
    color:#194736  
}
```

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 #194736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194736
}
```

Border

The CSS property to change the border of an element to Hex 194736 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".

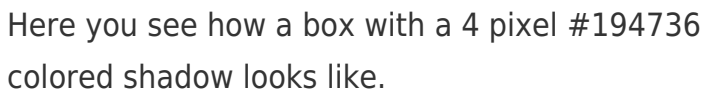
```
.border, #border, table{ border:4px solid
#194736 }
```

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

```
.border{ border-color:#194736 }
```

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

Here you see how a box with a 4 pixel #194736 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194736; -webkit-box-shadow:4px 4px  
4px 4px #194736; box-shadow:4px 4px 4px  
4px #194736 }
```

Background

The CSS property to change the background color of an element to Hex 194736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194736 }
```

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

```
.background{ background-color:#194736 }
```

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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