

Converting Colors

Hex(194C36)

Have a look what the booklet for
Hex(194C36) contains.

Hex(194C36)	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(194C36)

Conversions

Conversions Part 1

Format	Color
Hex	194C36
RGB	25, 76, 54
RGB Percent	10%, 30%, 21%
CMY	0.9020, 0.7020, 0.7882
CMYK	0.67, 0.00, 0.29, 0.70
HSL	154°, 50%, 20%
HSV	154°, 67%, 30%
XYZ	3.6512, 5.6419, 4.3866
YIQ	58.2430, -23.3340, -17.6540

Conversions

Conversions Part 2

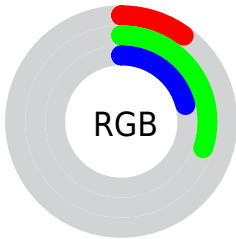
Format	Color
RYB	25, 58, 76
Decimal	1657910
CIELab	28.49, -23.06, 8.15
CIELCh	28, 24.457, 160.546
Yxy	5.6419, 0.2669, 0.4124
Android (android.graphics.Color)	4279847990 (0xFF194C36)
YUV	58.2430, -2.0918, -29.1541
Hunter-Lab	23.7527, -14.1286, 5.6773

Details

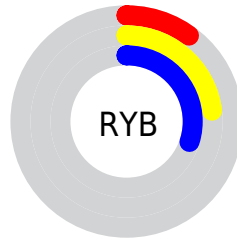
The Hex color **194C36** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C192F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **4B7D65**, and **00200A** is the 20% darker color. If you saturate the color by 10%, you get **114C33**, and if you desaturate by 10%, it is **214C39**.

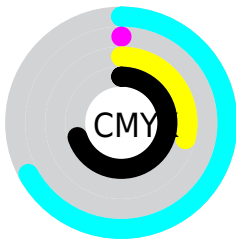
Distribution



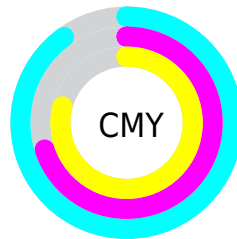
- Red (10%)
- Green (30%)
- Blue (21%)



- Red (10%)
- Yellow (23%)
- Blue (30%)



- Cyan (67%)
- Magenta (0%)
- Yellow (29%)
- Black (70%)



- Cyan (90%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194C36 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 194C36 by changing the saturation by 10% instead.

 194C36

 194C36

FFFFFF

 003521

 4B7D65

 00200A

 64977E

 000000

 7EB298

 98CEB2

 B4EACE

 D0FFEA

 ECFFFF

 194C36

 194C36

■ 114C33

■ 214C39

■ 0A4C2F

■ 284C3D

■ 024C2C

■ 304C40

■ 004C2B

■ 374C43

■ 3F4C46

■ 474C4A

■ 4E4C4D

■ 564C50

■ 5D4C54

Harmonies

Analogous

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



344926



194C36



004D49

Triad

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



194C36



304368



64372C

Complementary

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



194C36



4C192F

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.



67343D



194C36



4E3C60

Square

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



194C36



004966



603550



593E20

Rectangle

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



194C36



004C56



603550



663631

Sweetspot

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



194C36



50635B



2F4C19



27332E



B3B3B3



333333

Same Dimension

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



194C36



136341



19494C



222625



00663A



00E682

Inverse Universe

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



4C192F



631336



4C1C19



262224



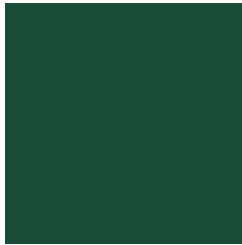
66002C



E60063

Previews

White Background



This preview shows how the Hex color 194C36 looks on a white background.

Color Contrast Check

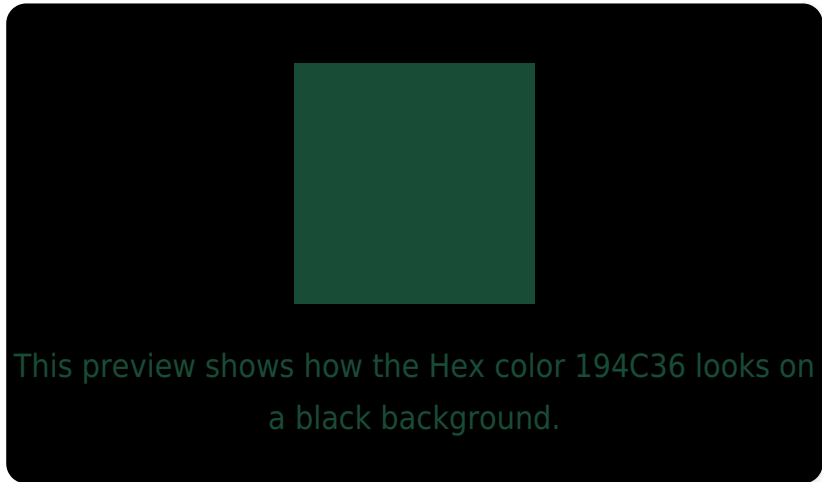
Large Text (above 18pt) WCAG AA ✓ Pass

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

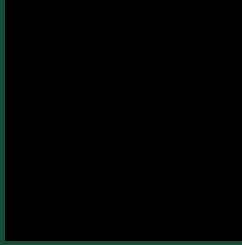
Any Text WCAG AA × Fail

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 194C36 Background



This preview shows how black text looks on a background with the Hex color 194C36.



This preview shows how white text looks on a background with the Hex color 194C36.

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](#).

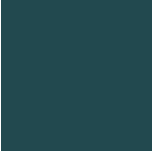
Dichromacy



Original Color
194C36

Protanopia
484332

Deuteranopia
4D4039



Tritanopia
22494F

Trichromacy



Original Color
194C36

Protanomaly
374633

Deuteranomaly
3A4438

Tritanomaly
1F4A46

Monochromacy



Original Color
194C36

Achromatopsia
3A3A3A

Achromatomaly
2E4139

CSS Examples

Text

The CSS property to change the color of the text to Hex 194C36 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 #194C36 looks like.

```
.text, #text, p{  
    color:#194C36  
}
```

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 #194C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194C36
}
```

Border

The CSS property to change the border of an element to Hex 194C36 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".

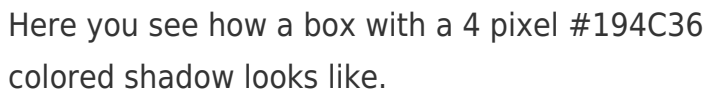
```
.border, #border, table{ border:4px solid
#194C36 }
```

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

```
.border{ border-color:#194C36 }
```

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

Here you see how a box with a 4 pixel #194C36 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194C36; -webkit-box-shadow:4px 4px  
4px 4px #194C36; box-shadow:4px 4px 4px  
4px #194C36 }
```

Background

The CSS property to change the background color of an element to Hex 194C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194C36 }
```

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

```
.background{ background-color:#194C36 }
```

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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