

Converting Colors

Hex(195E46)

Have a look what the booklet for
Hex(195E46) contains.

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Color

Hex(195E46)

Conversions

Conversions Part 1

Format	Color
Hex	195E46
RGB	25, 94, 70
RGB Percent	10%, 37%, 27%
CMY	0.9020, 0.6314, 0.7255
CMYK	0.73, 0.00, 0.26, 0.63
HSL	159°, 58%, 23%
HSV	159°, 73%, 37%
XYZ	5.5091, 8.6543, 7.1744
YIQ	70.6330, -33.4200, -22.0920

Conversions

Conversions Part 2

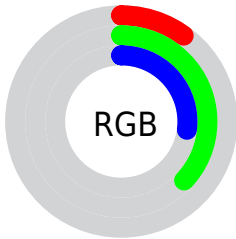
Format	Color
RYB	25, 67, 94
Decimal	1662534
CIELab	35.31, -27.66, 7.69
CIELCh	35, 28.710, 164.474
Yxy	8.6543, 0.2582, 0.4056
Android (android.graphics.Color)	4279852614 (0xFF195E46)
YUV	70.6330, -0.3121, -40.0201
Hunter-Lab	29.4182, -18.0543, 6.1332

Details

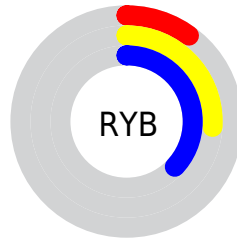
The Hex color **195E46** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E1931**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4F9176**, and **002F1B** is the 20% darker color. If you saturate the color by 10%, you get **105E43**, and if you desaturate by 10%, it is **225E49**.

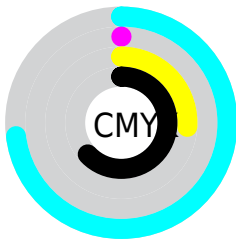
Distribution



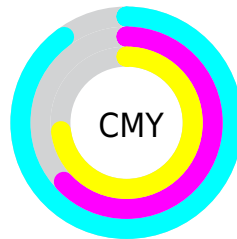
- Red (10%)
- Green (37%)
- Blue (27%)



- Red (10%)
- Yellow (26%)
- Blue (37%)



- Cyan (73%)
- Magenta (0%)
- Yellow (26%)
- Black (63%)



- Cyan (90%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195E46 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 195E46 by changing the saturation by 10% instead.



195E46



195E46

FFFFFF



004630



4F9176



002F1B



69AC90



001B00



84C7AA



000000



9FE3C6



BBFFE2



D7FFFE



F4FFFF



195E46



195E46

■ 105E43

■ 225E49

■ 065E3F

■ 2C5E4D

■ 005E3D

■ 355E50

■ 3F5E53

■ 485E56

■ 515E5A

■ 5B5E5D

■ 645E60

■ 6E5E63

Harmonies

Analogous

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



3C5B31



195E46



005F5E

Triad

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



195E46



42527F



7A4534

Complementary

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



195E46



5E1931

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.



7F4049



195E46



634974

Square

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



195E46



01597F



784260



6B4E26

Rectangle

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



195E46



005E6C



784260



7C433A

Sweetspot

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



195E46



5F7A71



315E19



2D3D38



BDBDBD



3D3D3D

Same Dimension

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



195E46



0F7A55



19545E



292E2C



006E48



00ED9B

Inverse Universe

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



5E1931



7A0F34



5E2319



2E292B



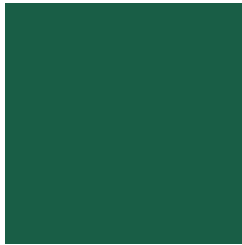
6E0026



ED0052

Previews

White Background



This preview shows how the Hex color 195E46 looks on a white background.

Color Contrast Check

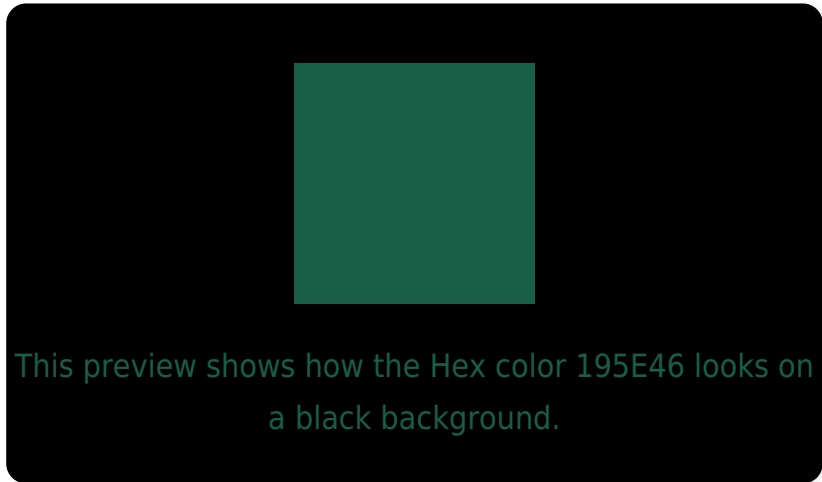
Large Text (above 18pt) WCAG AA ✓ Pass

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

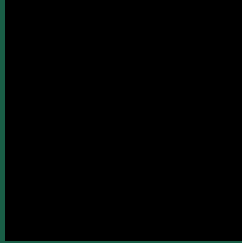
Any Text WCAG AA × Fail

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 195E46 Background



This preview shows how black text looks on a background with the Hex color 195E46.

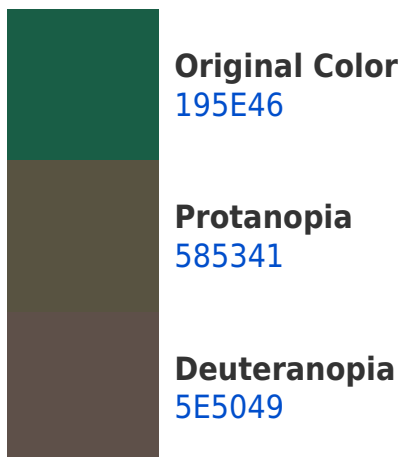


This preview shows how white text looks on a background with the Hex color 195E46.

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



Trichromacy



Original Color
195E46

Protanomaly
415743

Deuteranomaly
455548

Tritanomaly
215B58

Monochromacy



Original Color
195E46

Achromatopsia
474747

Achromatomaly
364F47

CSS Examples

Text

The CSS property to change the color of the text to Hex 195E46 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 #195E46 looks like.

```
.text, #text, p{  
    color:#195E46  
}
```

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 #195E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195E46  
}
```

Border

The CSS property to change the border of an element to Hex 195E46 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  
#195E46 }
```

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

```
.border{ border-color:#195E46 }
```

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

Here you see how a box with a 4 pixel #195E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195E46; -webkit-box-shadow:4px 4px  
4px 4px #195E46; box-shadow:4px 4px 4px  
4px #195E46 }
```

Background

The CSS property to change the background color of an element to Hex 195E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195E46 }
```

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

```
.background{ background-color:#195E46 }
```

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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