

Converting Colors

Hex(195E32)

Have a look what the booklet for
Hex(195E32) contains.

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Color

Hex(195E32)

Conversions

Conversions Part 1

Format	Color
Hex	195E32
RGB	25, 94, 50
RGB Percent	10%, 37%, 20%
CMY	0.9020, 0.6314, 0.8039
CMYK	0.73, 0.00, 0.47, 0.63
HSL	142°, 58%, 23%
HSV	142°, 73%, 37%
XYZ	4.9793, 8.4424, 4.3847
YIQ	68.3530, -27.0000, -28.3120

Conversions

Conversions Part 2

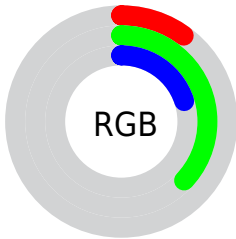
Format	Color
RYB	25, 76, 94
Decimal	1662514
CIELab	34.89, -32.25, 19.18
CIElCh	35, 37.529, 149.256
Yxy	8.4424, 0.2796, 0.4741
Android (android.graphics.Color)	4279852594 (0xFF195E32)
YUV	68.3530, -9.0480, -38.0206
Hunter-Lab	29.0558, -20.2578, 11.3918

Details

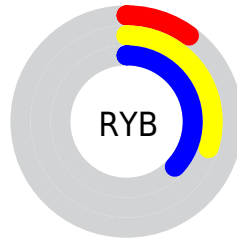
The Hex color **195E32** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E1945**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4F9161**, and **002F05** is the 20% darker color. If you saturate the color by 10%, you get **105E2C**, and if you desaturate by 10%, it is **225E38**.

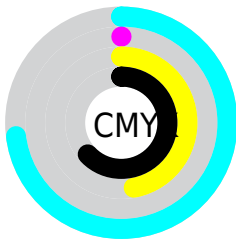
Distribution



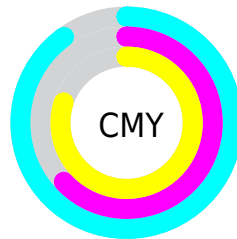
- Red (10%)
- Green (37%)
- Blue (20%)



- Red (10%)
- Yellow (30%)
- Blue (37%)



- Cyan (73%)
- Magenta (0%)
- Yellow (47%)
- Black (63%)



- Cyan (90%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195E32 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 195E32 by changing the saturation by 10% instead.



195E32



195E32

FFFFFF



00461C



4F9161



002F05



69AC7A



001A00



84C894



000000



9FE4AF



BAFFCA



D7FFE6



F4FFFF



195E32



195E32

■ 105E2C

■ 225E38

■ 065E26

■ 2C5E3E

■ 005E22

■ 355E44

■ 3F5E4A

■ 485E50

■ 515E56

■ 5B5E5C

■ 645E62

■ 6E5E68

Harmonies

Analogous

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



45591A



195E32



006050

Triad

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



195E32



00568E



873A37

Complementary

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



195E32



5E1945

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.



873654



195E32



514A86

Square

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



195E32



005D85



763E71



7A451E

Rectangle

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



195E32



006065



763E71



893840

Sweetspot

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



195E32



5F7A69



465E19



2D3D33



BDBDBD



3D3D3D

Same Dimension

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



195E32



0F7A36



195E54



292E2B



006E28



00ED56

Inverse Universe

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



5E1945



7A0F53



5E1923



2E292C



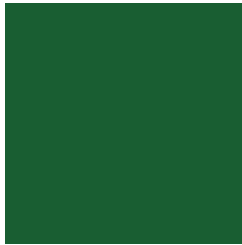
6E0046



ED0097

Previews

White Background



This preview shows how the Hex color 195E32 looks on a white background.

Color Contrast Check

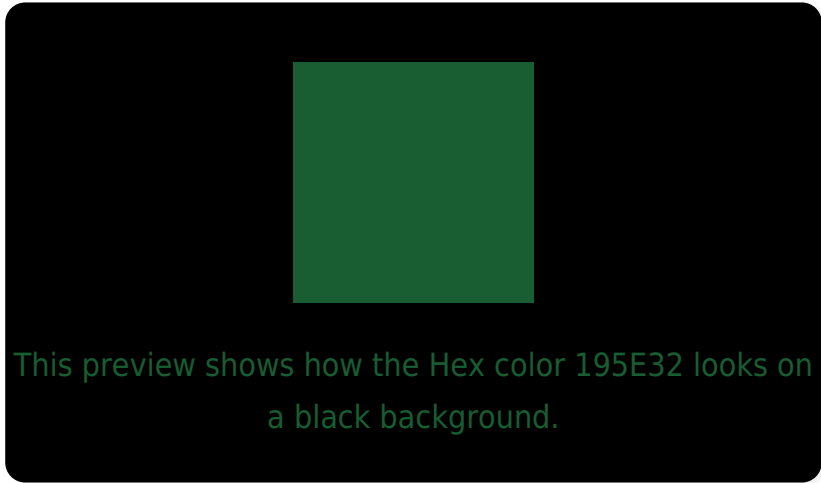
Large Text (above 18pt) WCAG AA ✓ Pass

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

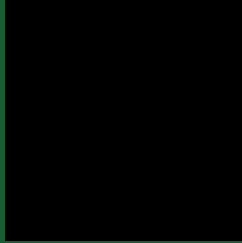
Any Text WCAG AA × Fail

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 195E32 Background



This preview shows how black text looks on a background with the Hex color 195E32.



This preview shows how white text looks on a background with the Hex color 195E32.

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](#).

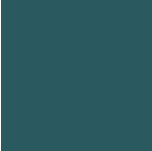
Dichromacy



Original Color
195E32

Protanopia
5A522E

Deuteranopia
624E36



Tritanopia
2A5960

Trichromacy



Original Color
195E32

Protanomaly
42562F

Deuteranomaly
475435

Tritanomaly
245B4F

Monochromacy



Original Color
195E32

Achromatopsia
444444

Achromatomaly
344D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 195E32 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 #195E32 looks like.

```
.text, #text, p{  
    color:#195E32  
}
```

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 #195E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195E32
}
```

Border

The CSS property to change the border of an element to Hex 195E32 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
#195E32 }
```

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

```
.border{ border-color:#195E32 }
```

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

Here you see how a box with a 4 pixel #195E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195E32; -webkit-box-shadow:4px 4px  
4px 4px #195E32; box-shadow:4px 4px 4px  
4px #195E32 }
```

Background

The CSS property to change the background color of an element to Hex 195E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195E32 }
```

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

```
.background{ background-color:#195E32 }
```

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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