

Converting Colors

Hex(195D11)

Have a look what the booklet for
Hex(195D11) contains.

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Color

Hex(195D11)

Conversions

Conversions Part 1

Format	Color
Hex	195D11
RGB	25, 93, 17
RGB Percent	10%, 36%, 7%
CMY	0.9020, 0.6353, 0.9333
CMYK	0.73, 0.00, 0.82, 0.64
HSL	114°, 69%, 22%
HSV	114°, 82%, 36%
XYZ	4.4164, 8.0758, 1.8563
YIQ	64.0040, -16.1320, -38.0520

Conversions

Conversions Part 2

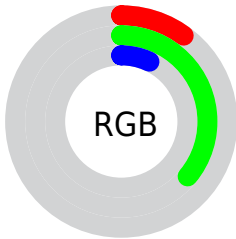
Format	Color
RYB	17, 93, 85
Decimal	1662225
CIELab	34.14, -36.37, 34.97
CIELCh	34, 50.455, 136.119
Yxy	8.0758, 0.3078, 0.5628
Android (android.graphics.Color)	4279852305 (0xFF195D11)
YUV	64.0040, -23.1730, -34.2065
Hunter-Lab	28.4180, -21.9910, 16.0196

Details

The Hex color **195D11** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **55115D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **509042**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **115D08**, and if you desaturate by 10%, it is **215D1A**.

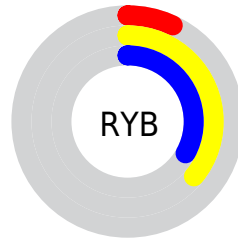
Distribution



Red (10%)

Green (36%)

Blue (7%)



Red (7%)

Yellow (36%)

Blue (33%)

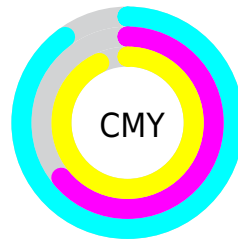


Cyan (73%)

Magenta (0%)

Yellow (82%)

Black (64%)



Cyan (90%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195D11 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 195D11 by changing the saturation by 10% instead.



195D11



195D11

FFFFFFE



004500



509042



002E00



6BAB5A



001700



85C774



000000



A1E38E



BDFFA9



D9FFC4



F6FFE1



195D11



195D11

■ 115D08

■ 215D1A

■ 0A5D00

■ 2A5D24

■ 325D2D

■ 3A5D36

■ 435D40

■ 4B5D49

■ 535D52

■ 5C5D5B

■ 645D65

Harmonies

Analogous

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



4E5500



195D11



00613C

Triad

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



195D11



005A9F



96233D

Complementary

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



195D11



55115D

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.



8E2665



195D11



194E9E

Square

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



195D11



00608A



6C3A88



8B3517

Rectangle

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



195D11



006258



6C3A88



96214A

Sweetspot

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



195D11



5D785A



5D5411



2D3D2B



BDBDBD



3D3D3D

Same Dimension

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



195D11



0F7802



115D2E



2A2E29



0C6E00



19ED00

Inverse Universe

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



55115D



6B0278



5D1140



2D292E



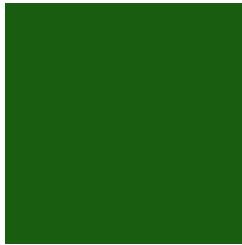
62006E



D400ED

Previews

White Background



This preview shows how the Hex color 195D11 looks on a white background.

Color Contrast Check

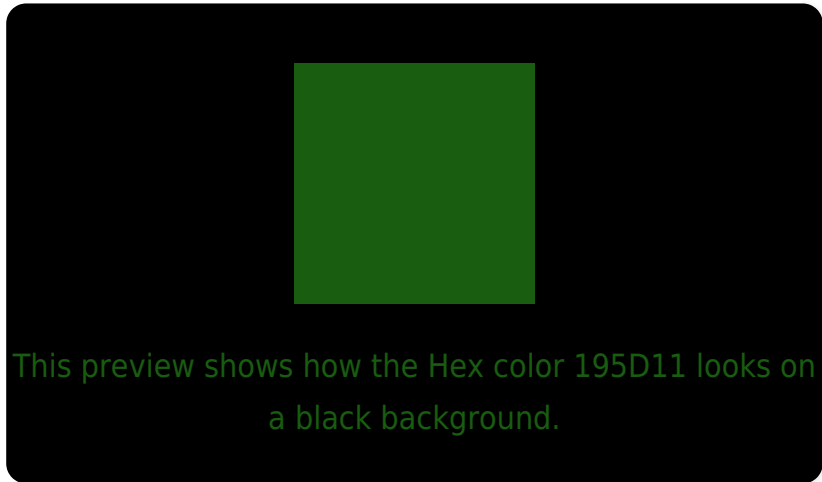
Large Text (above 18pt) WCAG AA ✓ Pass

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

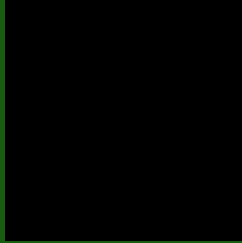
Any Text WCAG AA × Fail

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 195D11 Background



This preview shows how black text looks on a background with the Hex color 195D11.



This preview shows how white text looks on a background with the Hex color 195D11.

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
195D11

Protanopia
5A500E

Deuteranopia
644C1A

Trichromacy



Original Color
195D11

Protanomaly
42550F

Deuteranomaly
495217

Tritanomaly
265942

Monochromacy



Original Color
195D11

Achromatopsia
404040

Achromatomaly
324B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 195D11 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 #195D11 looks like.

```
.text, #text, p{  
    color:#195D11  
}
```

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 #195D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195D11  
}
```

Border

The CSS property to change the border of an element to Hex 195D11 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".

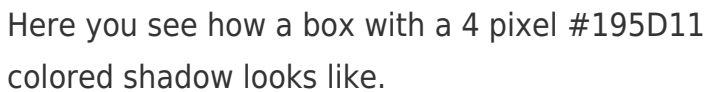
```
.border, #border, table{ border:4px solid  
#195D11 }
```

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

```
.border{ border-color:#195D11 }
```

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

Here you see how a box with a 4 pixel #195D11 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195D11; -webkit-box-shadow:4px 4px  
4px 4px #195D11; box-shadow:4px 4px 4px  
4px #195D11 }
```

Background

The CSS property to change the background color of an element to Hex 195D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195D11 }
```

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

```
.background{ background-color:#195D11 }
```

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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