

Converting Colors

Hex(195A18)

Have a look what the booklet for
Hex(195A18) contains.

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Color

Hex(195A18)

Conversions

Conversions Part 1

Format	Color
Hex	195A18
RGB	25, 90, 24
RGB Percent	10%, 35%, 9%
CMY	0.9020, 0.6471, 0.9059
CMYK	0.72, 0.00, 0.73, 0.65
HSL	119°, 58%, 22%
HSV	119°, 73%, 35%
XYZ	4.2219, 7.5849, 2.1057
YIQ	63.0410, -17.5540, -34.3060

Conversions

Conversions Part 2

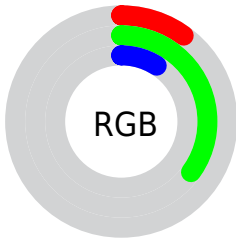
Format	Color
R_{YB}	24, 90, 89
Decimal	1661464
CIE _{Lab}	33.10, -34.57, 30.98
CIE _{LCh}	33, 46.422, 138.141
Yxy	7.5849, 0.3035, 0.5452
Android (android.graphics.Color)	4279851544 (0xFF195A18)
YUV	63.0410, -19.2472, -33.3620
Hunter-Lab	27.5408, -20.8328, 14.7454

Details

The Hex color **195A18** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **59185A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4F8D47**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **105A0F**, and if you desaturate by 10%, it is **225A21**.

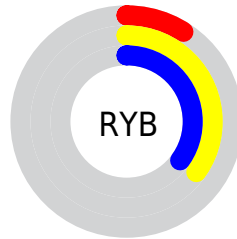
Distribution



Red (10%)

Green (35%)

Blue (9%)



Red (9%)

Yellow (35%)

Blue (35%)

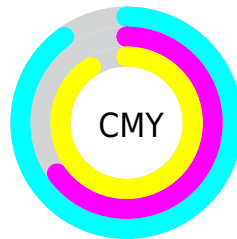


Cyan (72%)

Magenta (0%)

Yellow (73%)

Black (65%)



Cyan (90%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195A18 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 195A18 by changing the saturation by 10% instead.

 195A18

 195A18

FFFFFF

 004200

 4F8D47

 002B00

 69A860

 001300

 84C379

 000000


 9FDF93

 BBFCAE

 D7FFCA

 F4FFE6

 195A18

 195A18

■ 105A0F

■ 225A21

■ 075A06

■ 2B5A2A

■ 015A00

■ 345A33

■ 3C5A3C

■ 455A45

■ 4E5A4E

■ 575A57

■ 605A60

■ 695A69

Harmonies

Analogous

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



4A5300



195A18



005E3E

Triad

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



195A18



005696



8E2839

Complementary

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



195A18



59185A

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.



88295E



195A18



2A4A94

Square

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



195A18



005D84



6B397F



833717

Rectangle

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



195A18



005E57



6B397F



8E2645

Sweetspot

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



195A18



5C755B



5A5918



2C3B2B



BABABA



3B3B3B

Same Dimension

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



195A18



10750E



185A38



292E29



026E00



04ED00

Inverse Universe

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



59185A



740E75



5A183A



2E292E



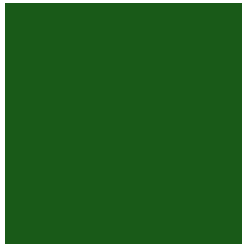
6C006E



EA00ED

Previews

White Background



This preview shows how the Hex color 195A18 looks on a white background.

Color Contrast Check

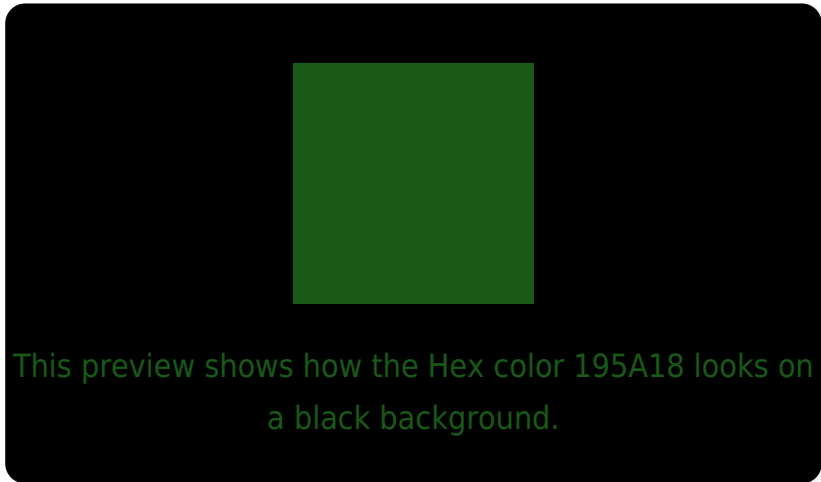
Large Text (above 18pt) WCAG AA ✓ Pass

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

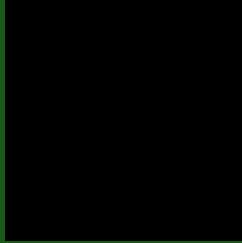
Any Text WCAG AA × Fail

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 195A18 Background



This preview shows how black text looks on a background with the Hex color 195A18.



This preview shows how white text looks on a background with the Hex color 195A18.

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
195A18

Protanopia
574E15

Deuteranopia
614A1E



Tritanopia
2B545B

Trichromacy



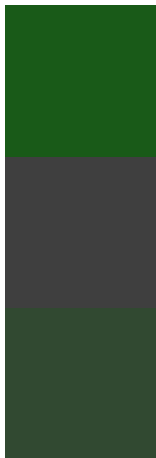
Original Color
195A18

Protanomaly
405216

Deuteranomaly
47501C

Tritanomaly
245643

Monochromacy



Original Color
195A18

Achromatopsia
3F3F3F

Achromatomaly
314931

CSS Examples

Text

The CSS property to change the color of the text to Hex 195A18 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 #195A18 looks like.

```
.text, #text, p{  
    color:#195A18  
}
```

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 #195A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195A18
}
```

Border

The CSS property to change the border of an element to Hex 195A18 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".

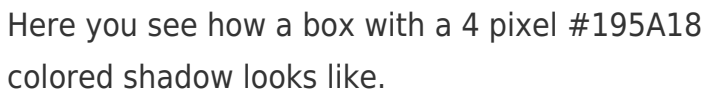
```
.border, #border, table{ border:4px solid
#195A18 }
```

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

```
.border{ border-color:#195A18 }
```

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

Here you see how a box with a 4 pixel #195A18 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 #195A18; -webkit-box-shadow:4px 4px  
4px 4px #195A18; box-shadow:4px 4px 4px  
4px #195A18 }
```

Background

The CSS property to change the background color of an element to Hex 195A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195A18 }
```

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

```
.background{ background-color:#195A18 }
```

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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