

Converting Colors

Hex(194A09)

Have a look what the booklet for
Hex(194A09) contains.

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Color

Hex(194A09)

Conversions

Conversions Part 1

Format	Color
Hex	194A09
RGB	25, 74, 9
RGB Percent	10%, 29%, 4%
CMY	0.9020, 0.7098, 0.9647
CMYK	0.66, 0.00, 0.88, 0.71
HSL	105°, 78%, 16%
HSV	105°, 88%, 29%
XYZ	2.8990, 5.1240, 1.0947
YIQ	51.9390, -8.3390, -30.6030

Conversions

Conversions Part 2

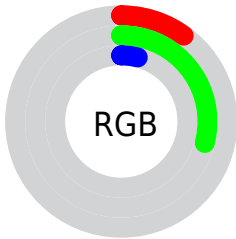
Format	Color
R_YB	9, 74, 58
Decimal	1657353
CIE Lab	27.09, -29.49, 31.12
CIE LCh	27, 42.873, 133.461
Yxy	5.1240, 0.3180, 0.5620
Android (android.graphics.Color)	4279847433 (0xFF194A09)
YUV	51.9390, -21.1689, -23.6255
Hunter-Lab	22.6362, -16.7529, 12.9781

Details

The Hex color **194A09** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A094A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **4C7B39**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **134A02**, and if you desaturate by 10%, it is **1F4A10**.

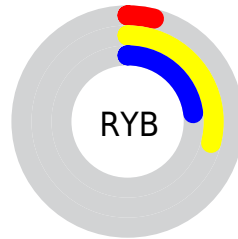
Distribution



Red (10%)

Green (29%)

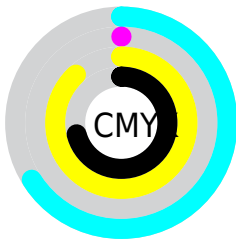
Blue (4%)



Red (4%)

Yellow (29%)

Blue (23%)

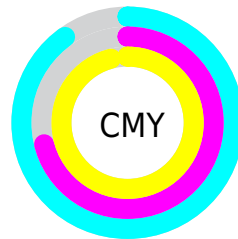


Cyan (66%)

Magenta (0%)

Yellow (88%)

Black (71%)



Cyan (90%)

Magenta (71%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194A09 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 194A09 by changing the saturation by 10% instead.

 194A09

 194A09

 FFFFF1

 003300

 4C7B39

 002000

 659551

 000000

 80B06A

 9ACC83

 B6E89E

 D2FFB9

 EFFFDD5

 194A09

 194A09

■ 134A02

■ 1F4A10

■ 124A00

■ 244A18

■ 2A4A1F

■ 2F4A27

■ 354A2E

■ 3A4A35

■ 404A3D

■ 464A44

■ 4B4A4C

Harmonies

Analogous

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



414300



194A09



004D2C

Triad

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



194A09



00497F



7A1B33

Complementary

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



194A09



3A094A

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.



711F53



194A09



003F80

Square

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



194A09



004E6D



533070



712814

Rectangle

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



194A09



004E43



533070



791A3E

Sweetspot

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



194A09



4E6148



4A3A09



253021



B0B0B0



303030

Same Dimension

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



194A09



186100



094A19



232622



196600



38E600

Inverse Universe

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



3A094A



490061



4A093A



252226



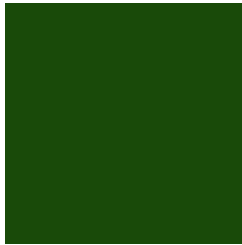
4D0066



AD00E6

Previews

White Background



This preview shows how the Hex color 194A09 looks on a white background.

Color Contrast Check

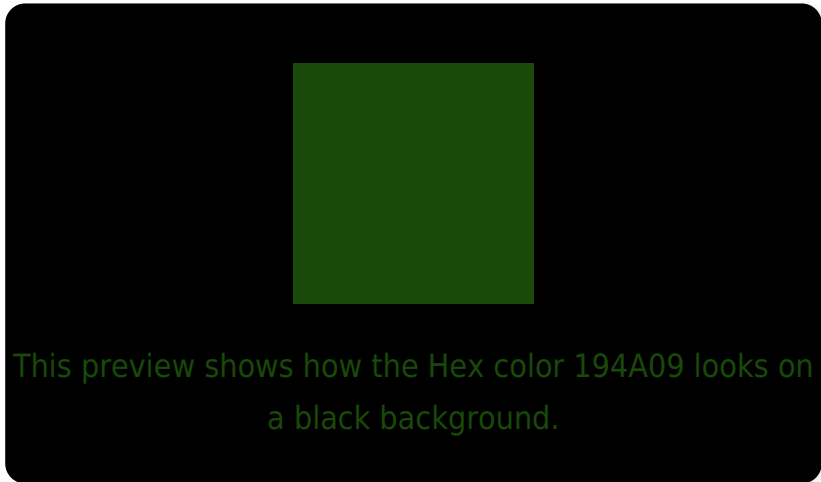
Large Text (above 18pt) WCAG AA ✓ Pass

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

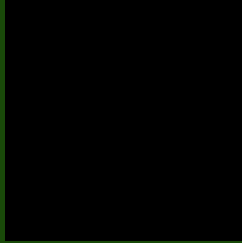
Any Text WCAG AA × Fail

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 194A09 Background



This preview shows how black text looks on a background with the Hex color 194A09.



This preview shows how white text looks on a background with the Hex color 194A09.

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](#).

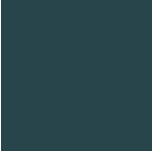
Dichromacy



Original Color
194A09

Protanopia
484005

Deuteranopia
503D12



Tritanopia
27454A

Trichromacy



Original Color
194A09

Protanomaly
374406

Deuteranomaly
3C420F

Tritanomaly
224732

Monochromacy



Original Color
194A09

Achromatopsia
343434

Achromatomaly
2A3C24

CSS Examples

Text

The CSS property to change the color of the text to Hex 194A09 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 #194A09 looks like.

```
.text, #text, p{  
    color:#194A09  
}
```

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 #194A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194A09
}
```

Border

The CSS property to change the border of an element to Hex 194A09 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".

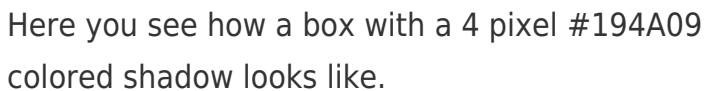
```
.border, #border, table{ border:4px solid
#194A09 }
```

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

```
.border{ border-color:#194A09 }
```

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

Here you see how a box with a 4 pixel #194A09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194A09; -webkit-box-shadow:4px 4px  
4px 4px #194A09; box-shadow:4px 4px 4px  
4px #194A09 }
```

Background

The CSS property to change the background color of an element to Hex 194A09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194A09 }
```

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

```
.background{ background-color:#194A09 }
```

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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