

Converting Colors

Hex(164A1A)

Have a look what the booklet for
Hex(164A1A) contains.

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Color

Hex(164A1A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 164A1A |
| RGB | 22, 74, 26 |
| RGB Percent | 9%, 29%, 10% |
| CMY | 0.9137, 0.7098, 0.8980 |
| CMYK | 0.70, 0.00, 0.65, 0.71 |
| HSL | 125°, 54%, 19% |
| HSV | 125°, 70%, 29% |
| XYZ | 2.9661, 5.1427, 1.8136 |
| YIQ | 52.9800, -15.5840, -25.9520 |

Conversions

Conversions Part 2

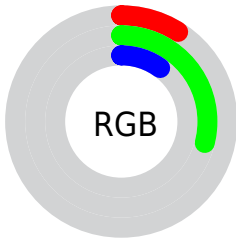
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 22, 70, 74 |
| Decimal | 1460762 |
| CIE Lab | 27.14, -28.52, 23.30 |
| CIE LCh | 27, 36.827, 140.754 |
| Yxy | 5.1427, 0.2989, 0.5183 |
| Android (android.graphics.Color) | 4279650842 (0xFF164A1A) |
| YUV | 52.9800, -13.3011, -27.1695 |
| Hunter-Lab | 22.6776, -16.3388, 11.1327 |

Details

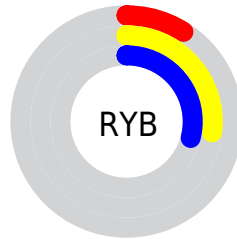
The Hex color **164A1A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4A1646**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **497B47**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **0F4A13**, and if you desaturate by 10%, it is **1D4A21**.

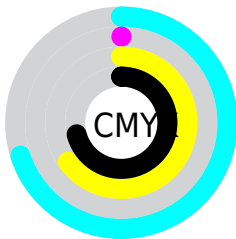
Distribution



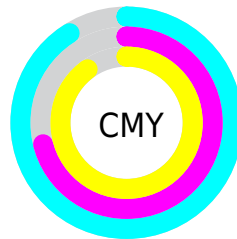
- Red (9%)
- Green (29%)
- Blue (10%)



- Red (9%)
- Yellow (27%)
- Blue (29%)



- Cyan (70%)
- Magenta (0%)
- Yellow (65%)
- Black (71%)



- Cyan (91%)
- Magenta (71%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164A1A 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 164A1A by changing the saturation by 10% instead.

■ 164A1A

■ 164A1A

FFFFFF

■ 003302

■ 497B47

■ 002000

■ 62955F

■ 000000

■ 7CB078

■ 96CC92

■ B2E8AD

■ CEFFC8

■ EAF FE5

■ 164A1A

■ 164A1A

■ 0F4A13

■ 1D4A21

■ 074A0C

■ 254A28

■ 004A06

■ 2C4A2E

■ 344A35

■ 3B4A3C

■ 424A43

■ 4A4A4A

■ 514A51

■ 594A57

Harmonies

Analogous

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



3B4503



164A1A



004D36

Triad

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



164A1A



004678



72252E

Complementary

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



164A1A



4A1646

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.



6E254A



164A1A



2E3C75

Square

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



164A1A



004B6B



593064



693015

Rectangle

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



164A1A



004D4A



593064



732437

Sweetspot

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



164A1A



4D614E



474A16



243025



B0B0B0



303030

Same Dimension

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



164A1A



106116



164A33



222623



006608



00E612

Inverse Universe

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



4A1646



61105B



4A162D



262226



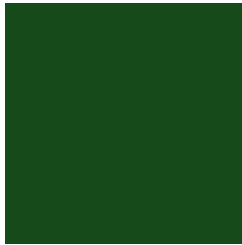
66005E



E600D4

Previews

White Background



This preview shows how the Hex color 164A1A looks on a white background.

Color Contrast Check

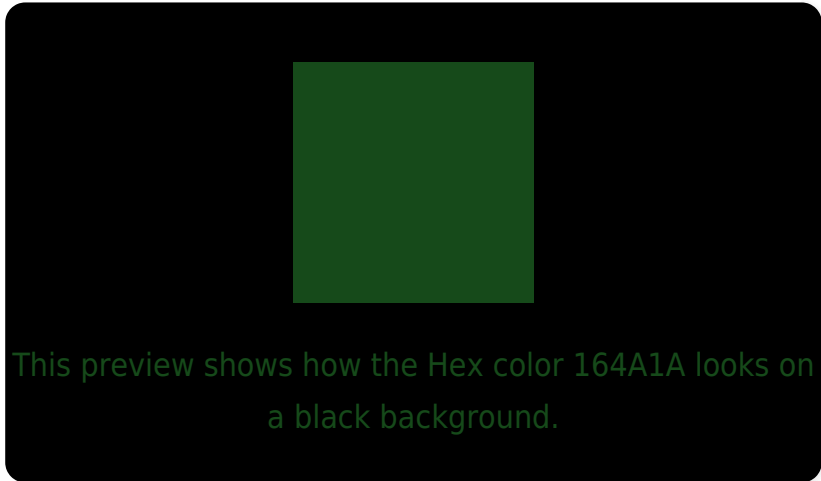
Large Text (above 18pt) WCAG AA ✓ Pass

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

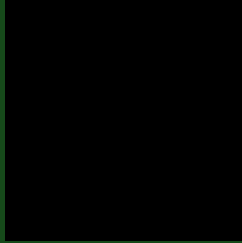
Any Text WCAG AA × Fail

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 164A1A Background



This preview shows how black text looks on a background with the Hex color 164A1A.



This preview shows how white text looks on a background with the Hex color 164A1A.

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
164A1A

Protanopia
484017

Deuteranopia
4F3D1E



Tritanopia
24454B

Trichromacy



Original Color
164A1A

Protanomaly
364418

Deuteranomaly
3A421D

Tritanomaly
1F4739

Monochromacy



Original Color
164A1A

Achromatopsia
353535

Achromatomaly
2A3D2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 164A1A 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 #164A1A looks like.

```
.text, #text, p{  
    color:#164A1A  
}
```

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 #164A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164A1A
}
```

Border

The CSS property to change the border of an element to Hex 164A1A 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
#164A1A }
```

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

```
.border{ border-color:#164A1A }
```

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

Here you see how a box with a 4 pixel #164A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164A1A; -webkit-box-shadow:4px 4px  
4px 4px #164A1A; box-shadow:4px 4px 4px  
4px #164A1A }
```

Background

The CSS property to change the background color of an element to Hex 164A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164A1A }
```

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

```
.background{ background-color:#164A1A }
```

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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