

Converting Colors

Hex(216E14)

Have a look what the booklet for
Hex(216E14) contains.

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Color

Hex(216E14)

Conversions

Conversions Part 1

Format	Color
Hex	216E14
RGB	33, 110, 20
RGB Percent	13%, 43%, 8%
CMY	0.8706, 0.5686, 0.9216
CMYK	0.70, 0.00, 0.82, 0.57
HSL	111°, 69%, 25%
HSV	111°, 82%, 43%
XYZ	6.3294, 11.5257, 2.5529
YIQ	76.7170, -17.0020, -44.3140

Conversions

Conversions Part 2

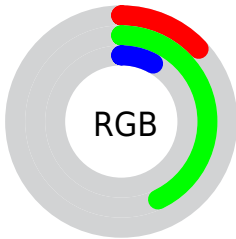
Format	Color
RYB	20, 110, 97
Decimal	2190868
CIELab	40.45, -40.66, 40.09
CIELCh	40, 57.102, 135.408
Yxy	11.5257, 0.3101, 0.5648
Android (android.graphics.Color)	4280380948 (0xFF216E14)
YUV	76.7170, -27.9615, -38.3398
Hunter-Lab	33.9495, -26.1329, 19.3062

Details

The Hex color **216E14** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **61146E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5AA347**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **186E09**, and if you desaturate by 10%, it is **2A6E1F**.

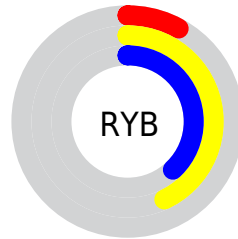
Distribution



Red (13%)

Green (43%)

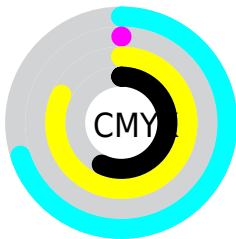
Blue (8%)



Red (8%)

Yellow (43%)

Blue (38%)

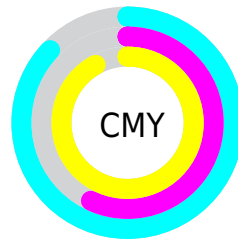


Cyan (70%)

Magenta (0%)

Yellow (82%)

Black (57%)



Cyan (87%)

Magenta (57%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 216E14 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 216E14 by changing the saturation by 10% instead.



216E14



216E14

FFFFFF



005500



5AA347



003D00



75BE60



002800



90DA7A



000300



ACF794



000000



C9FFB0



E6FFCB



FFFFE8



216E14



216E14

■ 186E09

■ 2A6E1F

■ 106E00

■ 346E2A

■ 3D6E35

■ 476E40

■ 506E4B

■ 596E56

■ 636E61

■ 6C6E6C

■ 766E77

Harmonies

Analogous

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



5D6500



216E14



007346

Triad

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



216E14



006BBA



B12A49

Complementary

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



216E14



61146E

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.



A72F78



216E14



175DBA

Square

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



216E14



0072A1



7F46A2



A43F1D

Rectangle

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



216E14



007467



7F46A2



B02859

Sweetspot

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



216E14



708F6B



6E6114



354732



C7C7C7



474747

Same Dimension

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



216E14



178F03



146E34



333832



117800



24F700

Inverse Universe

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



61146E



7B038F



6E144E



373238



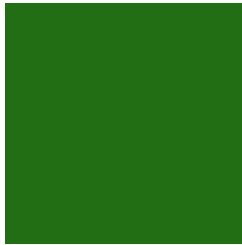
670078



D400F7

Previews

White Background



This preview shows how the Hex color 216E14 looks on a white background.

Color Contrast Check

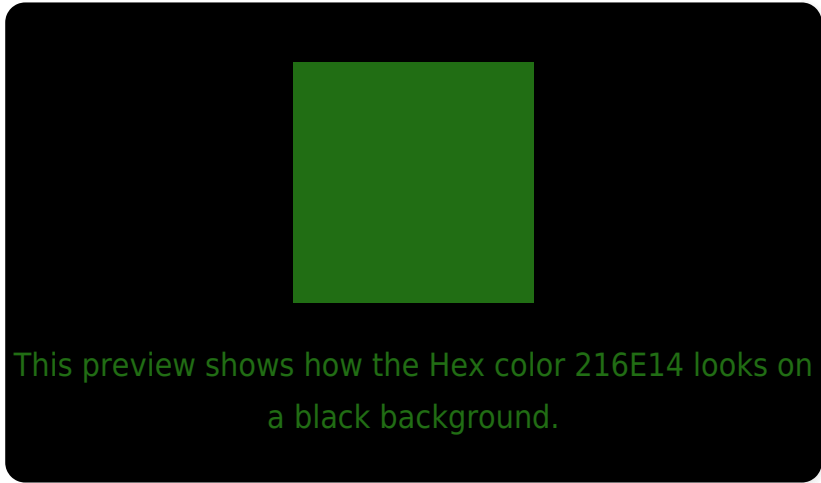
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

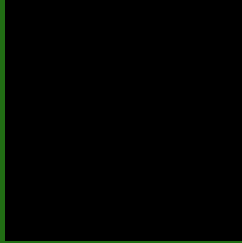
Any Text WCAG AA × Fail

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 216E14 Background



This preview shows how black text looks on a background with the Hex color 216E14.



This preview shows how white text looks on a background with the Hex color 216E14.

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
216E14

Protanopia
6B5F10

Deuteranopia
775A1E



Tritanopia
37666F

Trichromacy



Original Color

216E14



Protanomaly

506411



Deuteranomaly

58611A



Tritanomaly

2F694E

Monochromacy



Original Color

216E14



Achromatopsia

4D4D4D



Achromatomaly

3D5938

CSS Examples

Text

The CSS property to change the color of the text to Hex 216E14 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 #216E14 looks like.

```
.text, #text, p{  
    color:#216E14  
}
```

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 #216E14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216E14
}
```

Border

The CSS property to change the border of an element to Hex 216E14 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
#216E14 }
```

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

```
.border{ border-color:#216E14 }
```

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

Here you see how a box with a 4 pixel #216E14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216E14; -webkit-box-shadow:4px 4px  
4px 4px #216E14; box-shadow:4px 4px 4px  
4px #216E14 }
```

Background

The CSS property to change the background color of an element to Hex 216E14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216E14 }
```

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

```
.background{ background-color:#216E14 }
```

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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