

Converting Colors

Hex(14721D)

Have a look what the booklet for
Hex(14721D) contains.

Hex(14721D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(14721D)

Conversions

Conversions Part 1

Format	Color
Hex	14721D
RGB	20, 114, 29
RGB Percent	8%, 45%, 11%
CMY	0.9216, 0.5529, 0.8863
CMYK	0.82, 0.00, 0.75, 0.55
HSL	126°, 70%, 26%
HSV	126°, 82%, 45%
XYZ	6.5276, 12.2721, 3.1871
YIQ	76.2040, -28.7390, -46.3630

Conversions

Conversions Part 2

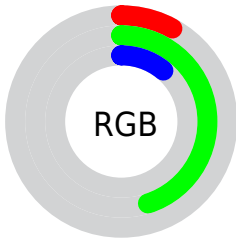
Format	Color
RYB	20, 106, 114
Decimal	1339933
CIELab	41.65, -43.71, 37.75
CIELCh	42, 57.758, 139.185
Yxy	12.2721, 0.2969, 0.5582
Android (android.graphics.Color)	4279530013 (0xFF14721D)
YUV	76.2040, -23.2716, -49.2909
Hunter-Lab	35.0315, -28.0444, 19.1280

Details

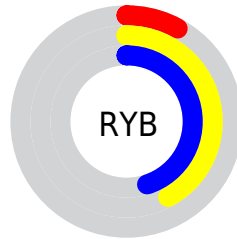
The Hex color **14721D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **721469**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **53A74E**, and **004000** is the 20% darker color. If you saturate the color by 10%, you get **097213**, and if you desaturate by 10%, it is **1F7227**.

Distribution



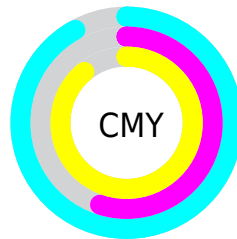
- Red (8%)
- Green (45%)
- Blue (11%)



- Red (8%)
- Yellow (42%)
- Blue (45%)



- Cyan (82%)
- Magenta (0%)
- Yellow (75%)
- Black (55%)



- Cyan (92%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14721D 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 14721D by changing the saturation by 10% instead.

 14721D

 14721D

FFFFFF

 005901

 53A74E

 004000

 6EC368

 002B00

 8ADF82

 000B00

 A6FC9C

 000000

 C3FFB8

 E0FFD4

 F0FFF0

 14721D

 14721D

■ 097213

■ 1F7227

■ 00720B

■ 2B7232

■ 36723C

■ 427246

■ 4D7251

■ 58725B

■ 647265

■ 6F726F

■ 7B727A

Harmonies

Analogous

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



5A6900



14721D



00764F

Triad

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



14721D



006DC0



B52F46

Complementary

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



14721D



721469

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.



AE2F76



14721D



355DBD

Square

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



14721D



0075AA



8946A1



A54419

Rectangle

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



14721D



007770



8946A1



B52B56

Sweetspot

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



14721D



6F9472



6A7214



344A36



C9C9C9



4A4A4A

Same Dimension

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



14721D



01940F



14724B



323833



00780B



00F718

Inverse Universe

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



721469



940186



72143B



383238



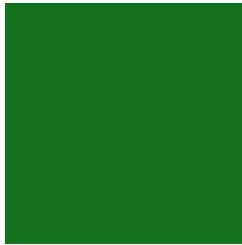
78006C



F700E0

Previews

White Background



This preview shows how the Hex color 14721D looks on a white background.

Color Contrast Check

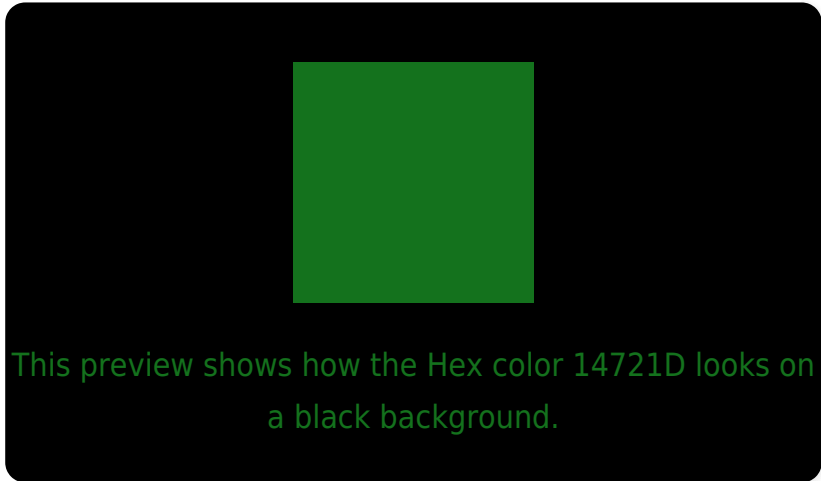
Large Text (above 18pt) WCAG AA ✓ Pass

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

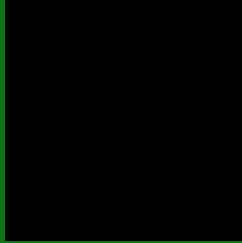
Any Text WCAG AA × Fail

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 14721D Background



This preview shows how black text looks on a background with the Hex color 14721D.



This preview shows how white text looks on a background with the Hex color 14721D.

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
14721D

Protanopia
6E6219

Deuteranopia
7A5D25



Tritanopia
326A73

Trichromacy



Original Color
14721D



Protanomaly
4D681A



Deuteranomaly
556522



Tritanomaly
276D54

Monochromacy



Original Color
14721D



Achromatopsia
4C4C4C



Achromatomaly
385A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 14721D 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 #14721D looks like.

```
.text, #text, p{  
    color:#14721D  
}
```

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 #14721D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14721D
}
```

Border

The CSS property to change the border of an element to Hex 14721D 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".

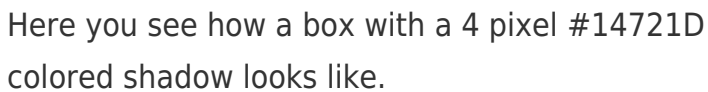
```
.border, #border, table{ border:4px solid
#14721D }
```

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

```
.border{ border-color:#14721D }
```

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

Here you see how a box with a 4 pixel #14721D colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14721D; -webkit-box-shadow:4px 4px  
4px 4px #14721D; box-shadow:4px 4px 4px  
4px #14721D }
```

Background

The CSS property to change the background color of an element to Hex 14721D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14721D }
```

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

```
.background{ background-color:#14721D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor