

# Converting Colors

Hex(14704A)

Have a look what the booklet for  
Hex(14704A) contains.

<b>Hex(14704A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(14704A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14704A
RGB	20, 112, 74
RGB Percent	8%, 44%, 29%
CMY	0.9216, 0.5608, 0.7098
CMYK	0.82, 0.00, 0.34, 0.56
HSL	155°, 70%, 26%
HSV	155°, 82%, 44%
XYZ	7.3187, 12.2315, 8.4537
YIQ	80.1600, -42.6340, -31.3220

# Conversions

## Conversions Part 2

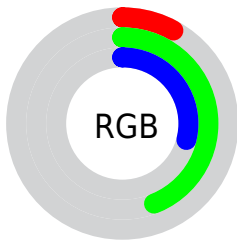
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 78, 112
Decimal	1339466
CIELab	41.58, -35.48, 13.96
CIELCh	42, 38.127, 158.527
Yxy	12.2315, 0.2613, 0.4368
Android (android.graphics.Color)	4279529546 (0xFF14704A)
YUV	80.1600, -3.0369, -52.7603
Hunter-Lab	34.9735, -23.8501, 10.1500

# Details

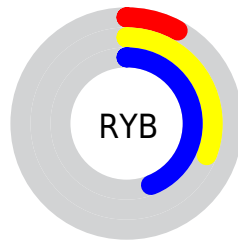
The Hex color **14704A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **70143A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **51A57B**, and **003F1E** is the 20% darker color. If you saturate the color by 10%, you get **097045**, and if you desaturate by 10%, it is **1F704F**.

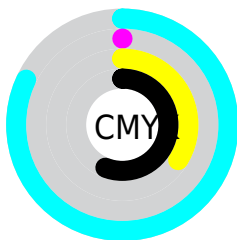
# Distribution



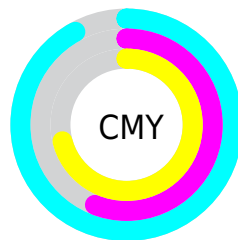
- Red (8%)
- Green (44%)
- Blue (29%)



- Red (8%)
- Yellow (31%)
- Blue (44%)



- Cyan (82%)
- Magenta (0%)
- Yellow (34%)
- Black (56%)



- Cyan (92%)
- Magenta (56%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14704A 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 14704A by changing the saturation by 10% instead.



 14704A

 14704A

FFFFFF

 005733

 51A57B

 003F1E

 6CC095

 002906

 87DCAF

 000B00

 A3F9CB

 000000

 BFFFE7

 DCFFFF

 F9FFFF

 14704A

 14704A

■ 097045

■ 1F704F

■ 007042

■ 2A7053

■ 367058

■ 41705D

■ 4C7061

■ 577066

■ 62706A

■ 6E706F

■ 797074

# Harmonies

## Analogous

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



4A6B2F



14704A



00726A

# Triad

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



14704A



3962A0



984D3D

# Complementary

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



14704A



70143A

# 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.



9C465A



14704A



705693

# Square

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



14704A



006C9C



8F4B7A



865827

# Rectangle

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



14704A



00717F



8F4B7A



9B4A46



# Sweetspot

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



14704A



6D9182



3A7014



344A41



C9C9C9



4A4A4A



# Same Dimension

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



14704A



019156



146870



323836



007846



00F791



# Inverse Universe

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



70143A



91013D



701C14



383235



780032

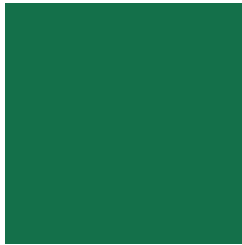


F70066



# Previews

## White Background



This preview shows how the Hex color 14704A looks on a white background.

## Color Contrast Check

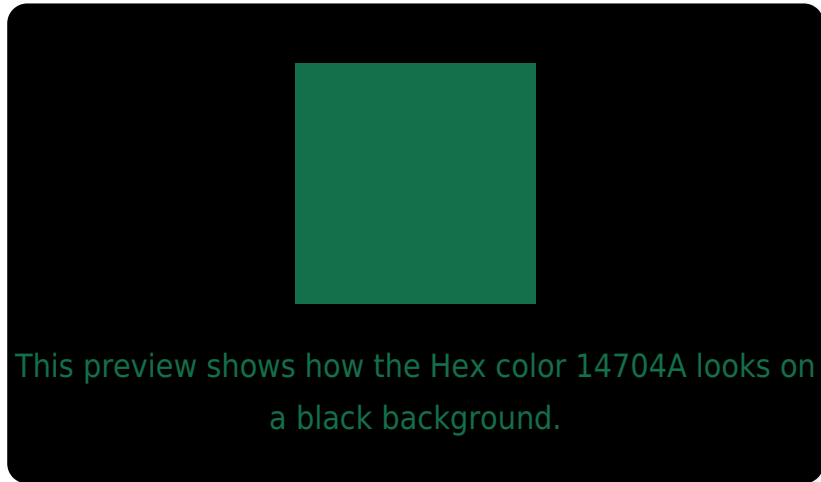
Large Text (above 18pt) WCAG AA ✓ Pass

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

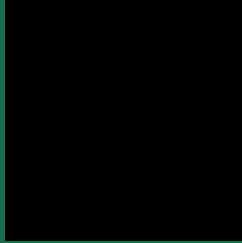
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 14704A Background



This preview shows how black text looks on a background with the Hex color 14704A.



This preview shows how white text looks on a background with the Hex color 14704A.

# 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**  
14704A

**Protanopia**  
6A6244

**Deuteranopia**  
725E4E



**Tritanopia**  
2B6B74

# Trichromacy



**Original Color**  
14704A

**Protanomaly**  
4B6746

**Deuteranomaly**  
50654D

**Tritanomaly**  
236D65

# Monochromacy



**Original Color**  
14704A

**Achromatopsia**  
505050

**Achromatomaly**  
3A5C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14704A 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 #14704A looks like.

```
.text, #text, p{  
    color:#14704A  
}
```

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 #14704A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14704A
}
```

## Border

The CSS property to change the border of an element to Hex 14704A 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
#14704A }
```

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

```
.border{ border-color:#14704A }
```

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

Here you see how a box with a 4 pixel #14704A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14704A; -webkit-box-shadow:4px 4px  
4px 4px #14704A; box-shadow:4px 4px 4px  
4px #14704A }
```

# Background

The CSS property to change the background color of an element to Hex 14704A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14704A }
```

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

```
.background{ background-color:#14704A }
```

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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