

Converting Colors

Hex(22774B)

Have a look what the booklet for
Hex(22774B) contains.

Hex(22774B)	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(22774B)

Conversions

Conversions Part 1

Format	Color
Hex	22774B
RGB	34, 119, 75
RGB Percent	13%, 47%, 29%
CMY	0.8667, 0.5333, 0.7059
CMYK	0.71, 0.00, 0.37, 0.53
HSL	149°, 56%, 30%
HSV	149°, 71%, 47%
XYZ	8.5265, 14.0417, 8.9175
YIQ	88.5690, -36.5360, -31.7040

Conversions

Conversions Part 2

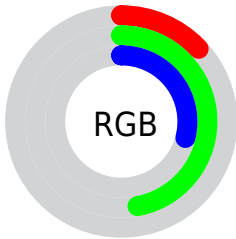
Format	Color
RYB	34, 91, 119
Decimal	2258763
CIELab	44.29, -36.05, 17.10
CIELCh	44, 39.903, 154.628
Yxy	14.0417, 0.2708, 0.4460
Android (android.graphics.Color)	4280448843 (0xFF22774B)
YUV	88.5690, -6.6895, -47.8570
Hunter-Lab	37.4723, -24.9603, 12.1210

Details

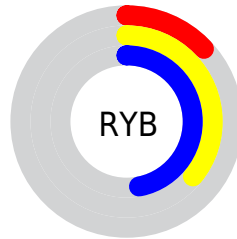
The Hex color **22774B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **77224E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5AAC7C**, and **00451E** is the 20% darker color. If you saturate the color by 10%, you get **167745**, and if you desaturate by 10%, it is **2E7751**.

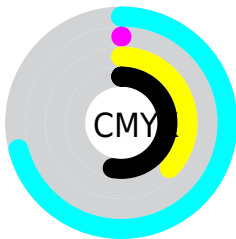
Distribution



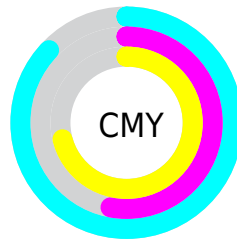
- Red (13%)
- Green (47%)
- Blue (29%)



- Red (13%)
- Yellow (36%)
- Blue (47%)



- Cyan (71%)
- Magenta (0%)
- Yellow (37%)
- Black (53%)



- Cyan (87%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22774B 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 22774B by changing the saturation by 10% instead.

 22774B

 22774B


FFFFFF


 005E34

 5AAC7C

 00451E

 76C896

 002E08

 91E4B1

 001800

 ADFFC

 000000

 C9FFE9

 E6FFFF

 22774B

 22774B

 167745

 2E7751

■ 0A773F

■ 3A7757

■ 007739

■ 46775D

■ 527764

■ 5E776A

■ 697770

■ 757776

■ 81777C

■ 8D7782

Harmonies

Analogous

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



54722F



22774B



00796D

Triad

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



22774B



326BAB



A35145

Complementary

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



22774B



77224E

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.



A54B65



22774B



715EA0

Square

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



22774B



0074A4



955186



925D2C

Rectangle

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



22774B



007983



955186



A64E4F

Sweetspot

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



22774B



7B9C8B



4F7722



3B4F45



CFCFCF



4F4F4F

Same Dimension

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



22774B



169C56



227774



353B38



007A3B



00FA79

Inverse Universe

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



77224E



9C165B



772225



3B3538



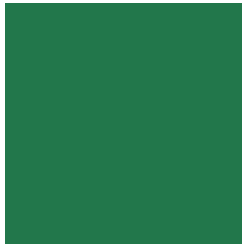
7A003F



FA0081

Previews

White Background



This preview shows how the Hex color 22774B looks on a white background.

Color Contrast Check

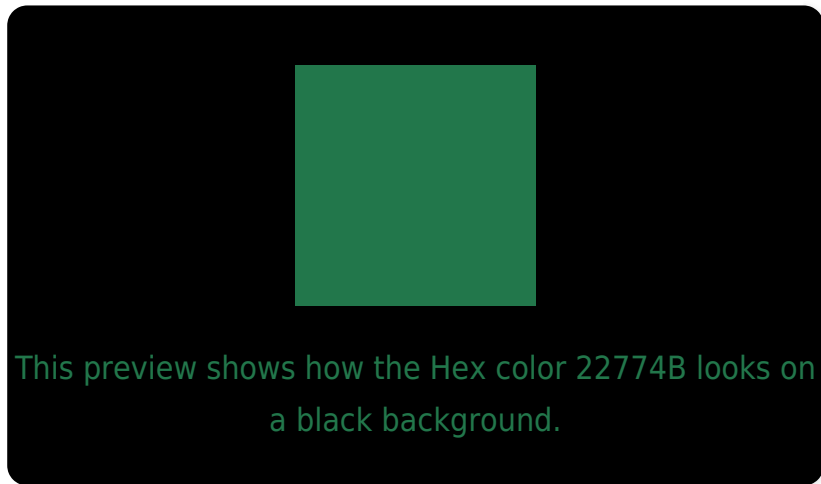
Large Text (above 18pt) WCAG AA ✓ Pass

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 22774B Background



This preview shows how black text looks on a background with the Hex color 22774B.



This preview shows how white text looks on a background with the Hex color 22774B.

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
22774B

Protanopia
716845

Deuteranopia
7A644F



Tritanopia
35717A

Trichromacy



Original Color
22774B

Protanomaly
546D47

Deuteranomaly
5A6B4E

Tritanomaly
2E7369

Monochromacy



Original Color
22774B

Achromatopsia
595959

Achromatomaly
456454

CSS Examples

Text

The CSS property to change the color of the text to Hex 22774B 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 #22774B looks like.

```
.text, #text, p{  
    color:#22774B  
}
```

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 #22774B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22774B
}
```

Border

The CSS property to change the border of an element to Hex 22774B 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
#22774B }
```

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

```
.border{ border-color:#22774B }
```

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

Here you see how a box with a 4 pixel #22774B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22774B; -webkit-box-shadow:4px 4px  
4px 4px #22774B; box-shadow:4px 4px 4px  
4px #22774B }
```

Background

The CSS property to change the background color of an element to Hex 22774B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22774B }
```

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

```
.background{ background-color:#22774B }
```

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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