

Converting Colors

Hex(21694E)

Have a look what the booklet for
Hex(21694E) contains.

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Color

Hex(21694E)

Conversions

Conversions Part 1

Format	Color
Hex	21694E
RGB	33, 105, 78
RGB Percent	13%, 41%, 31%
CMY	0.8706, 0.5882, 0.6941
CMYK	0.69, 0.00, 0.26, 0.59
HSL	158°, 52%, 27%
HSV	158°, 69%, 41%
XYZ	7.0539, 10.9765, 8.9546
YIQ	80.3940, -34.2450, -23.6610

Conversions

Conversions Part 2

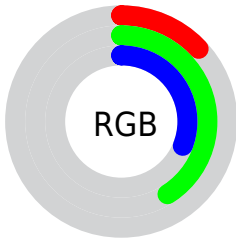
Format	Color
RYB	33, 77, 105
Decimal	2189646
CIELab	39.54, -29.28, 8.79
CIELCh	40, 30.570, 163.298
Yxy	10.9765, 0.2614, 0.4068
Android (android.graphics.Color)	4280379726 (0xFF21694E)
YUV	80.3940, -1.1802, -41.5645
Hunter-Lab	33.1309, -19.9744, 7.1667

Details

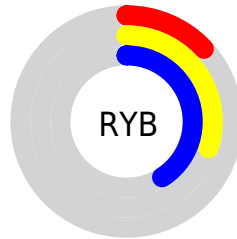
The Hex color **21694E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69213C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **579D7F**, and **003922** is the 20% darker color. If you saturate the color by 10%, you get **17694A**, and if you desaturate by 10%, it is **2B6952**.

Distribution



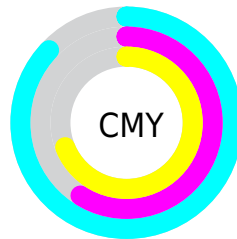
- Red (13%)
- Green (41%)
- Blue (31%)



- Red (13%)
- Yellow (30%)
- Blue (41%)



- Cyan (69%)
- Magenta (0%)
- Yellow (26%)
- Black (59%)





- Cyan (87%)
- Magenta (59%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21694E 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 21694E by changing the saturation by 10% instead.

 21694E

 21694E

FFFFFF

 005037

 579D7F

 003922

 71B899

 00240C

 8CD4B4


 000000

 A8F0CF

 C4FFEC

 E0FFFF

 FEFFFF

 21694E

 21694E

■ 17694A

■ 2B6952

■ 0C6946

■ 366956

■ 026942

■ 41695A

■ 006942

■ 4B695E

■ 566962

■ 606966

■ 6A696A

■ 75696E

■ 806971

Harmonies

Analogous

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



466538



21694E



006A68

Triad

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



21694E



495C8D



884E3C

Complementary

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



21694E



69213C

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.



8D4953



21694E



6E5282

Square

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



21694E



03648C



844B6C



78572D

Rectangle

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



21694E



006978



844B6C



8A4C43

Sweetspot

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



21694E



6D8A7F



3D6921



34453E



C4C4C4



454545

Same Dimension

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



21694E



198A5F



216169



303634



007549



00F599

Inverse Universe

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



69213C



8A1943



692921



363032



75002C



F5005C

Previews

White Background



This preview shows how the Hex color 21694E looks on a white background.

Color Contrast Check

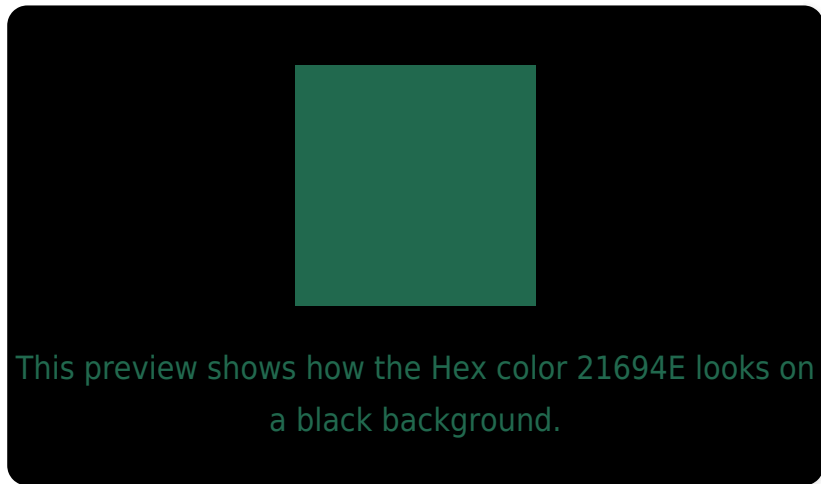
Large Text (above 18pt) WCAG AA ✓ Pass

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

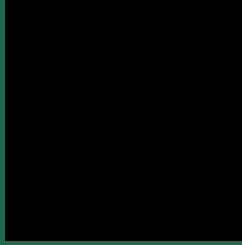
Any Text WCAG AA × Fail

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 21694E Background



This preview shows how black text looks on a background with the Hex color 21694E.

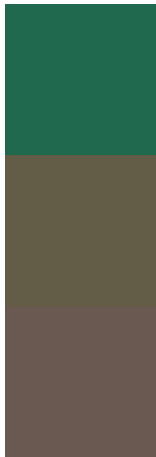


This preview shows how white text looks on a background with the Hex color 21694E.

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
21694E

Protanopia
635D48

Deuteranopia
6A5951



Tritanopia
2E656D

Trichromacy



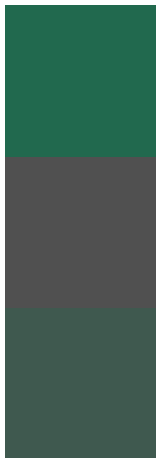
Original Color
21694E

Protanomaly
4B614A

Deuteranomaly
4F5F50

Tritanomaly
296662

Monochromacy



Original Color
21694E

Achromatopsia
505050

Achromatomaly
3F594F

CSS Examples

Text

The CSS property to change the color of the text to Hex 21694E 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 #21694E looks like.

```
.text, #text, p{  
    color:#21694E  
}
```

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 #21694E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21694E
}
```

Border

The CSS property to change the border of an element to Hex 21694E 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
#21694E }
```

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

```
.border{ border-color:#21694E }
```

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

Here you see how a box with a 4 pixel #21694E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21694E; -webkit-box-shadow:4px 4px  
4px 4px #21694E; box-shadow:4px 4px 4px  
4px #21694E }
```

Background

The CSS property to change the background color of an element to Hex 21694E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21694E }
```

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

```
.background{ background-color:#21694E }
```

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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