

Converting Colors

Hex(22492E)

Have a look what the booklet for
Hex(22492E) contains.

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Color

Hex(22492E)

Conversions

Conversions Part 1

Format	Color
Hex	22492E
RGB	34, 73, 46
RGB Percent	13%, 29%, 18%
CMY	0.8667, 0.7137, 0.8196
CMYK	0.53, 0.00, 0.37, 0.71
HSL	138°, 36%, 21%
HSV	138°, 53%, 29%
XYZ	3.5354, 5.3024, 3.4219
YIQ	58.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

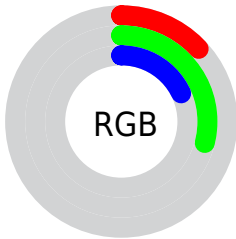
Format	Color
R_{YB}	34, 64, 73
Decimal	2246958
CIE _{Lab}	27.58, -20.94, 12.02
CIE _{LCh}	28, 24.144, 150.137
Yxy	5.3024, 0.2884, 0.4325
Android (android.graphics.Color)	4280437038 (0xFF22492E)
YUV	58.2610, -6.0447, -21.2769
Hunter-Lab	23.0270, -12.8918, 7.3082

Details

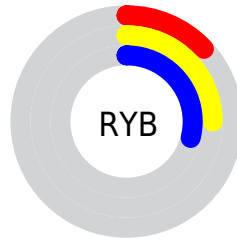
The Hex color **22492E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **49223D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **527A5C**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **1B4929**, and if you desaturate by 10%, it is **294933**.

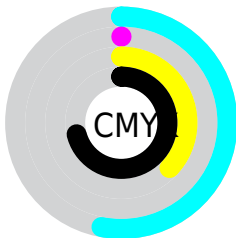
Distribution



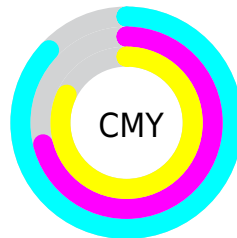
- Red (13%)
- Green (29%)
- Blue (18%)



- Red (13%)
- Yellow (25%)
- Blue (29%)



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



- Cyan (87%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22492E 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 22492E by changing the saturation by 10% instead.

 22492E

 22492E

FFFFFF

 0A3219

 527A5C

 001E00

 6A9475

 000000

 84AF8E

 9FCAA9

 BAE6C4

 D6FFE0

 F2FFFD

 22492E

 22492E

■ 1B4929

■ 294933

■ 134924

■ 314938

■ 0C491F

■ 38493D

■ 05491A

■ 3F4942

■ 004916

■ 464947

■ 4E494C

■ 554951

■ 5C4956

■ 64495B

Harmonies

Analogous

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



394620



22492E



004B41

Triad

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



22492E



214366



633430

Complementary

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



22492E



49223D

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.



633242



22492E



433C61

Square

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



22492E



004861



583554



5B3921

Rectangle

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



22492E



004B4D



583554



643235

Sweetspot

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



22492E



4F5E54



3D4922



27302A



B0B0B0



303030

Same Dimension

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



22492E



225E35



224941



202421



00631F



00E346

Inverse Universe

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



49223D



5E224C



49222A



242023



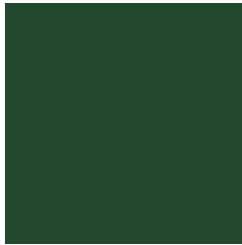
630045



E3009D

Previews

White Background



This preview shows how the Hex color 22492E looks on a white background.

Color Contrast Check

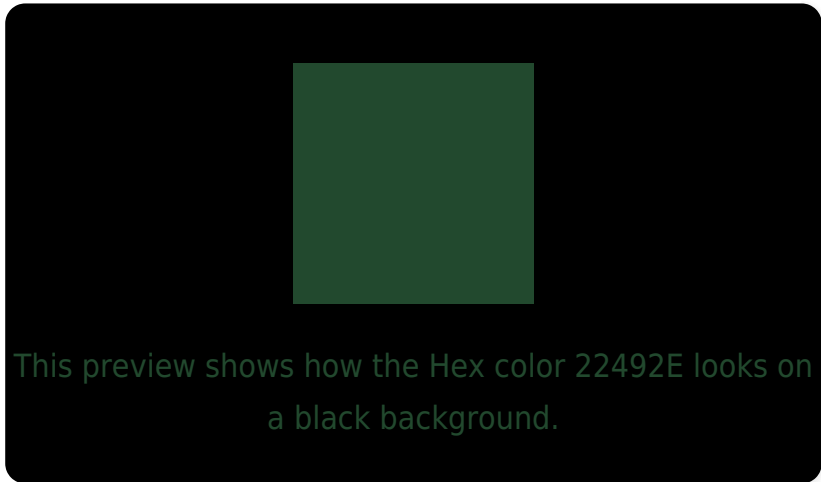
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

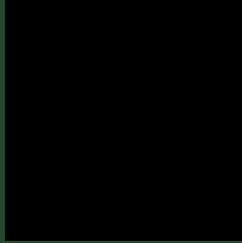
Any Text WCAG AA × Fail

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 22492E Background



This preview shows how black text looks on a background with the Hex color 22492E.



This preview shows how white text looks on a background with the Hex color 22492E.

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](#).

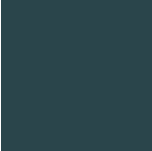
Dichromacy



Original Color
22492E

Protanopia
47412B

Deuteranopia
4D3E30



Tritanopia
2A454B

Trichromacy



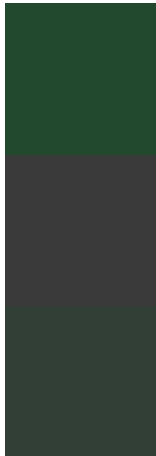
Original Color
22492E

Protanomaly
3A442C

Deuteranomaly
3D422F

Tritanomaly
274640

Monochromacy



Original Color
22492E

Achromatopsia
3A3A3A

Achromatomaly
313F36

CSS Examples

Text

The CSS property to change the color of the text to Hex 22492E 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 #22492E looks like.

```
.text, #text, p{  
    color:#22492E  
}
```

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 #22492E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22492E
}
```

Border

The CSS property to change the border of an element to Hex 22492E 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".

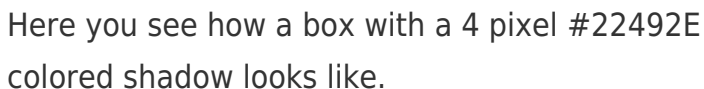
```
.border, #border, table{ border:4px solid
#22492E }
```

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

```
.border{ border-color:#22492E }
```

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

Here you see how a box with a 4 pixel #22492E colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22492E; -webkit-box-shadow:4px 4px  
4px 4px #22492E; box-shadow:4px 4px 4px  
4px #22492E }
```

Background

The CSS property to change the background color of an element to Hex 22492E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22492E }
```

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

```
.background{ background-color:#22492E }
```

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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