

Converting Colors

Hex(22514C)

Have a look what the booklet for
Hex(22514C) contains.

Hex(22514C)	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(22514C)

Conversions

Conversions Part 1

Format	Color
Hex	22514C
RGB	34, 81, 76
RGB Percent	13%, 32%, 30%
CMY	0.8667, 0.6824, 0.7020
CMYK	0.58, 0.00, 0.06, 0.68
HSL	174°, 41%, 23%
HSV	174°, 58%, 32%
XYZ	4.9066, 6.7467, 7.8811
YIQ	66.3770, -26.4070, -11.5190

Conversions

Conversions Part 2

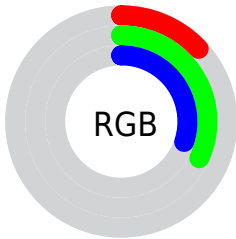
Format	Color
RYB	34, 59, 81
Decimal	2249036
CIELab	31.22, -17.37, -1.93
CIELCh	31, 17.482, 186.340
Yxy	6.7467, 0.2512, 0.3454
Android (android.graphics.Color)	4280439116 (0xFF22514C)
YUV	66.3770, 4.7441, -28.3946
Hunter-Lab	25.9745, -11.7364, 0.1925

Details

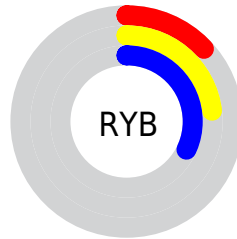
The Hex color **22514C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **512227**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **54837D**, and **002420** is the 20% darker color. If you saturate the color by 10%, you get **1A514B**, and if you desaturate by 10%, it is **2A514D**.

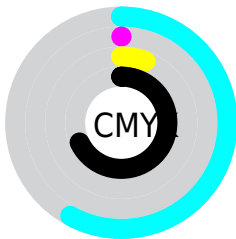
Distribution



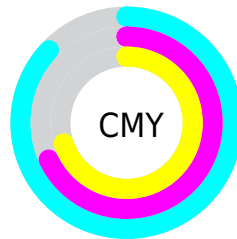
- Red (13%)
- Green (32%)
- Blue (30%)



- Red (13%)
- Yellow (23%)
- Blue (32%)



- Cyan (58%)
- Magenta (0%)
- Yellow (6%)
- Black (68%)



- Cyan (87%)
- Magenta (68%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22514C 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 22514C by changing the saturation by 10% instead.



22514C



22514C

FFFFFF



063A35



54837D



002420



6D9D97



000909



87B8B1



000000



A2D3CD



BEF0E9



DAFFFF



F7FFFF



22514C



22514C

■ 1A514B

■ 2A514D

■ 12514A

■ 32514E

■ 0A5149

■ 3A514F

■ 025149

■ 42514F

■ 005148

■ 4A5150

■ 535151

■ 5B5152

■ 635153

■ 6B5154

Harmonies

Analogous

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



31503E



22514C



1C5059

Triad

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



22514C



4F455F



5C4531

Complementary

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



22514C



512227

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.



63413A



22514C



5D4155

Square

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



22514C



3C4A64



643F47



504A2E

Rectangle

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



22514C



224F60



643F47



5F4333

Sweetspot

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



22514C



576967



275122



2B3634



B5B5B5



363636

Same Dimension

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



22514C



1F6961



223F51



252928



00695D



00E8CF

Inverse Universe

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



512227



691F27



513422



292525



69000B



E80019

Previews

White Background



This preview shows how the Hex color 22514C looks on a white background.

Color Contrast Check

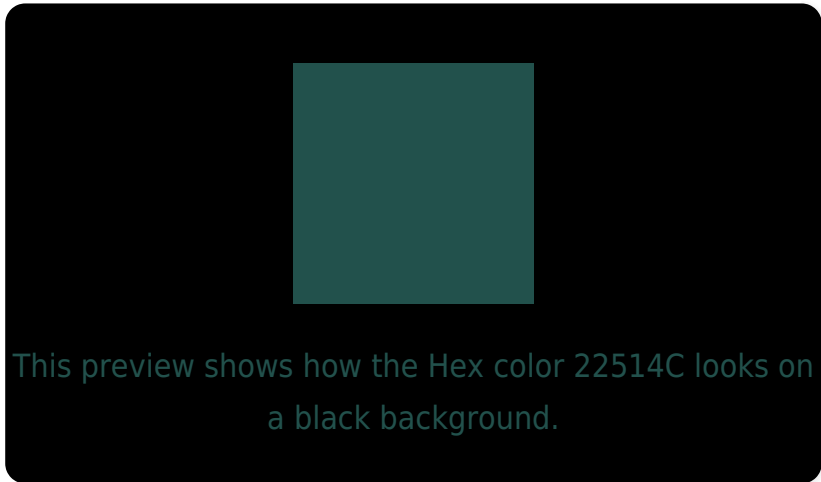
Large Text (above 18pt) WCAG AA ✓ Pass

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

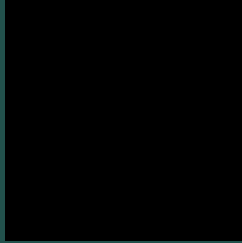
Any Text WCAG AA × Fail

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 22514C Background



This preview shows how black text looks on a background with the Hex color 22514C.



This preview shows how white text looks on a background with the Hex color 22514C.

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
22514C

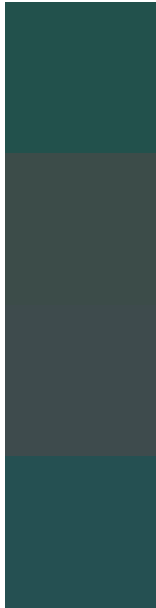
Protanopia
4B4947

Deuteranopia
4E474E



Tritanopia
265056

Trichromacy



Original Color
22514C

Protanomaly
3C4C49

Deuteranomaly
3E4B4D

Tritanomaly
255052

Monochromacy



Original Color
22514C

Achromatopsia
424242

Achromatomaly
364746

CSS Examples

Text

The CSS property to change the color of the text to Hex 22514C 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 #22514C looks like.

```
.text, #text, p{  
    color:#22514C  
}
```

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 #22514C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22514C
}
```

Border

The CSS property to change the border of an element to Hex 22514C 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
#22514C }
```

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

```
.border{ border-color:#22514C }
```

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

Here you see how a box with a 4 pixel #22514C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22514C; -webkit-box-shadow:4px 4px  
4px 4px #22514C; box-shadow:4px 4px 4px  
4px #22514C }
```

Background

The CSS property to change the background color of an element to Hex 22514C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22514C }
```

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

```
.background{ background-color:#22514C }
```

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