

Converting Colors

Hex(225141)

Have a look what the booklet for
Hex(225141) contains.

Hex(225141)	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(225141)

Conversions

Conversions Part 1

Format	Color
Hex	225141
RGB	34, 81, 65
RGB Percent	13%, 32%, 25%
CMY	0.8667, 0.6824, 0.7451
CMYK	0.58, 0.00, 0.20, 0.68
HSL	160°, 41%, 23%
HSV	160°, 58%, 32%
XYZ	4.5563, 6.6066, 6.0361
YIQ	65.1230, -22.8760, -14.9400

Conversions

Conversions Part 2

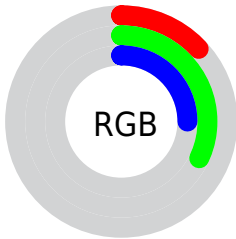
Format	Color
R_{YB}	34, 62, 81
Decimal	2249025
CIE Lab	30.89, -20.50, 4.59
CIE LCh	31, 21.005, 167.372
Yxy	6.6066, 0.2649, 0.3841
Android (android.graphics.Color)	4280439105 (0xFF225141)
YUV	65.1230, -0.0606, -27.2949
Hunter-Lab	25.7033, -13.3393, 4.0688

Details

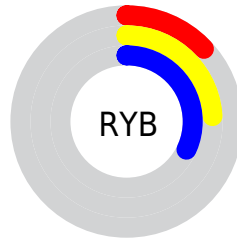
The Hex color **225141** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **512232**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **538371**, and **002417** is the 20% darker color. If you saturate the color by 10%, you get **1A513E**, and if you desaturate by 10%, it is **2A5144**.

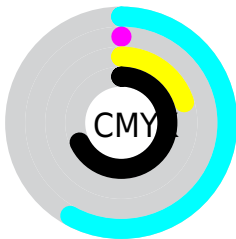
Distribution



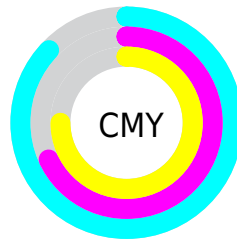
- Red (13%)
- Green (32%)
- Blue (25%)



- Red (13%)
- Yellow (24%)
- Blue (32%)



- Cyan (58%)
- Magenta (0%)
- Yellow (20%)
- Black (68%)



- Cyan (87%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225141 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 225141 by changing the saturation by 10% instead.

■ 225141

■ 225141

FFFFFF

■ 073A2B

■ 538371

■ 002417

■ 6C9D8A

■ 000600

■ 86B8A4

■ 000000

■ A1D4C0

■ BDF0DB

■ D9FFF8

■ F5FFFF

■ 225141

■ 225141

■ 1A513E

■ 2A5144

■ 12513B

■ 325147

■ 0A5139

■ 3A5149

■ 025136

■ 42514C

■ 005135

■ 4A514F

■ 535152

■ 5B5154

■ 635157

■ 6B515A

Harmonies

Analogous

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



374F32



225141



085152

Triad

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



225141



404768



654031

Complementary

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



225141



512232

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.



693C40



225141



56415F

Square

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



225141



244C68



643D50



5A4529

Rectangle

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



225141



00515C



643D50



673E36

Sweetspot

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



225141



576962



325122



2B3632



B5B5B5



363636

Same Dimension

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



225141



1F6950



224A51



252927



006945



00E899

Inverse Universe

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



512232



691F38



512922



292526



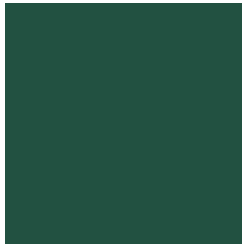
690024



E8004F

Previews

White Background



This preview shows how the Hex color 225141 looks on a white background.

Color Contrast Check

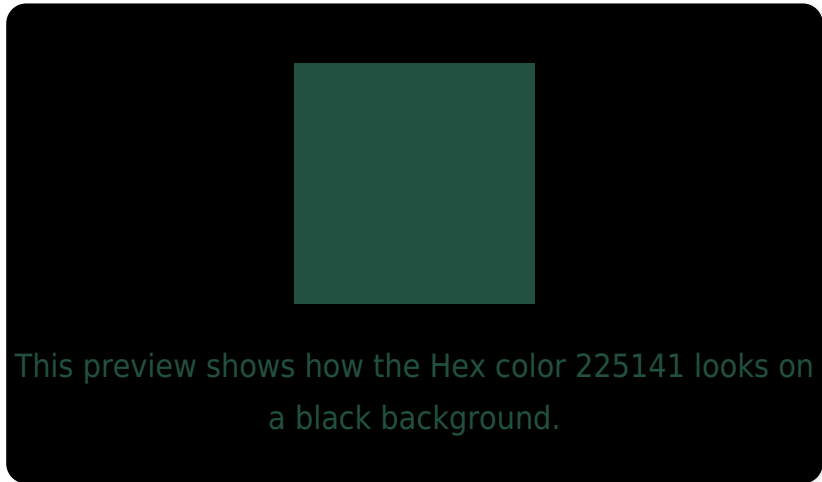
Large Text (above 18pt) WCAG AA ✓ Pass

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

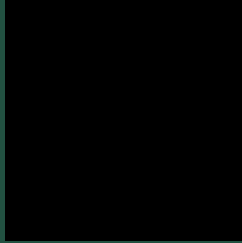
Any Text WCAG AA × Fail

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 225141 Background



This preview shows how black text looks on a background with the Hex color 225141.



This preview shows how white text looks on a background with the Hex color 225141.

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](#).

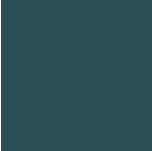
Dichromacy



Original Color
225141

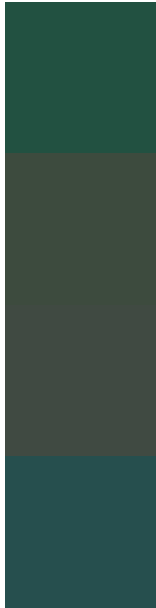
Protanopia
4C483D

Deuteranopia
514643



Tritanopia
294E55

Trichromacy



Original Color
225141

Protanomaly
3D4B3E

Deuteranomaly
404A42

Tritanomaly
264F4E

Monochromacy



Original Color
225141

Achromatopsia
414141

Achromatomaly
364741

CSS Examples

Text

The CSS property to change the color of the text to Hex 225141 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 #225141 looks like.

```
.text, #text, p{  
    color:#225141  
}
```

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 #225141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225141
}
```

Border

The CSS property to change the border of an element to Hex 225141 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
#225141 }
```

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

```
.border{ border-color:#225141 }
```

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

Here you see how a box with a 4 pixel #225141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225141; -webkit-box-shadow:4px 4px  
4px 4px #225141; box-shadow:4px 4px 4px  
4px #225141 }
```

Background

The CSS property to change the background color of an element to Hex 225141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225141 }
```

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

```
.background{ background-color:#225141 }
```

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