

Converting Colors

Hex(225756)

Have a look what the booklet for
Hex(225756) contains.

Hex(225756)	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(225756)

Conversions

Conversions Part 1

Format	Color
Hex	225756
RGB	34, 87, 86
RGB Percent	13%, 34%, 34%
CMY	0.8667, 0.6588, 0.6627
CMYK	0.61, 0.00, 0.01, 0.66
HSL	179°, 44%, 24%
HSV	179°, 61%, 34%
XYZ	5.7476, 7.8284, 10.0122
YIQ	71.0390, -31.2670, -11.5470

Conversions

Conversions Part 2

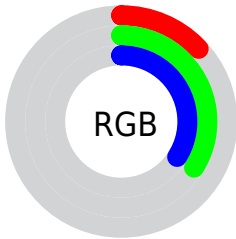
Format	Color
R_{YB}	34, 61, 87
Decimal	2250582
CIE _{Lab}	33.62, -17.64, -4.72
CIE _{LCh}	34, 18.257, 194.968
Yxy	7.8284, 0.2437, 0.3319
Android (android.graphics.Color)	4280440662 (0xFF225756)
YUV	71.0390, 7.3758, -32.4832
Hunter-Lab	27.9792, -12.2954, -1.6311




Details

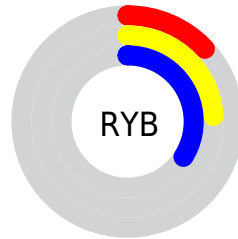
The Hex color **225756** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **572223**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **558988**, and **002929** is the 20% darker color. If you saturate the color by 10%, you get **195756**, and if you desaturate by 10%, it is **2B5756**.

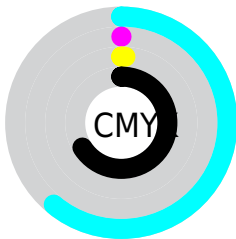
Distribution







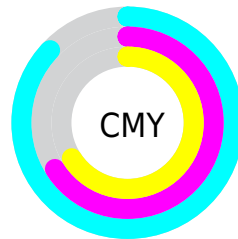
-  Red (13%)
-  Green (34%)
-  Blue (34%)






-  Red (13%)
-  Yellow (24%)
-  Blue (34%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (66%)



-  Cyan (87%)
-  Magenta (66%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225756 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 225756 by changing the saturation by 10% instead.

■ 225756

■ 225756

FFFFFF

■ 03403F

■ 558988

■ 002929

■ 6FA3A2

■ 001615

■ 89BFBD

■ 000000

■ A4DBD9

■ C0F7F5

■ DDFFFF

■ FAFFFF

■ 225756

■ 225756

■ 195756

■ 2B5756

■ 115756

■ 335756

■ 085756

■ 3C5756

■ 005755

■ 455757

■ 4E5757

■ 565757

■ 5F5757

■ 685757

■ 705757

Harmonies

Analogous

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



305647



225756



215663

Triad

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



225756



5A4964



604C33

Complementary

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



225756



572223

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.



69473B



225756



674557

Square

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



225756



474E6B



6C4448



525033

Rectangle

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



225756



2A5469



6C4448



634A35

Sweetspot

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



225756



5C7070



245722



2C3838



B8B8B8



383838

Same Dimension

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



225756



1E706F



223E57



272B2B



006B69



00EBE6

Inverse Universe

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



572223



701E20



573B22



2B2727



6B0002



EB0004

Previews

White Background



This preview shows how the Hex color 225756 looks on a white background.

Color Contrast Check

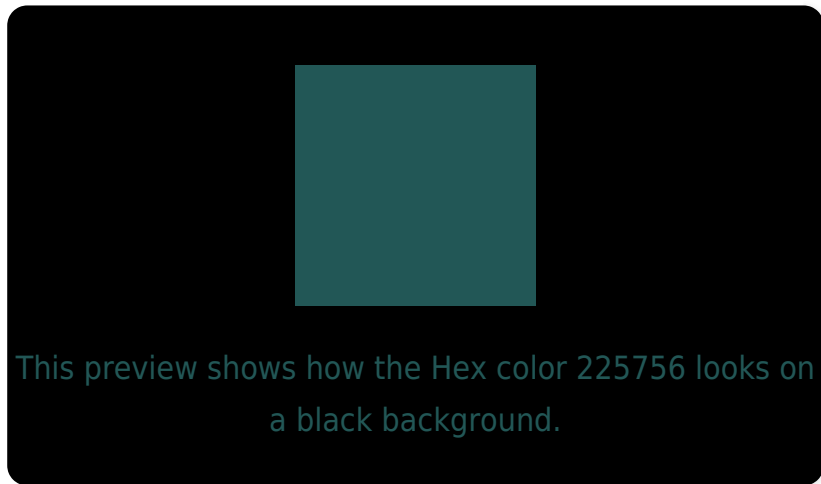
Large Text (above 18pt) WCAG AA ✓ Pass

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

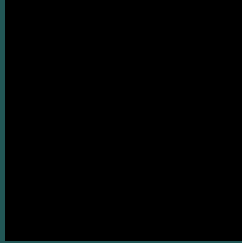
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

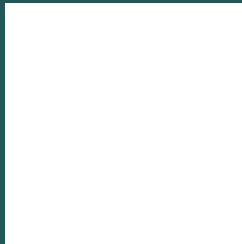
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 225756 Background



This preview shows how black text looks on a background with the Hex color 225756.



This preview shows how white text looks on a background with the Hex color 225756.

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](#).

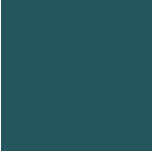
Dichromacy



Original Color
225756

Protanopia
504E51

Deuteranopia
524D58



Tritanopia
25565D

Trichromacy



Original Color
225756

Protanomaly
3F5153

Deuteranomaly
415157

Tritanomaly
24565A

Monochromacy



Original Color
225756

Achromatopsia
474747

Achromatomaly
3A4D4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 225756 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 #225756 looks like.

```
.text, #text, p{  
    color:#225756  
}
```

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 #225756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225756
}
```

Border

The CSS property to change the border of an element to Hex 225756 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".

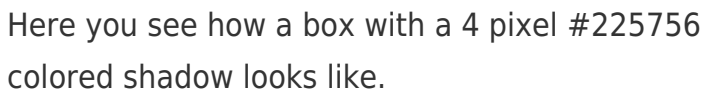
```
.border, #border, table{ border:4px solid
#225756 }
```

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

```
.border{ border-color:#225756 }
```

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

Here you see how a box with a 4 pixel #225756 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 #225756; -webkit-box-shadow:4px 4px  
4px 4px #225756; box-shadow:4px 4px 4px  
4px #225756 }
```

Background

The CSS property to change the background color of an element to Hex 225756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225756 }
```

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

```
.background{ background-color:#225756 }
```

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