

Converting Colors

Hex(225057)

Have a look what the booklet for
Hex(225057) contains.

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Color

Hex(225057)

Conversions

Conversions Part 1

Format	Color
Hex	225057
RGB	34, 80, 87
RGB Percent	13%, 31%, 34%
CMY	0.8667, 0.6863, 0.6588
CMYK	0.61, 0.08, 0.00, 0.66
HSL	188°, 44%, 24%
HSV	188°, 61%, 34%
XYZ	5.2486, 6.7655, 10.0461
YIQ	67.0440, -29.6630, -7.5750

Conversions

Conversions Part 2

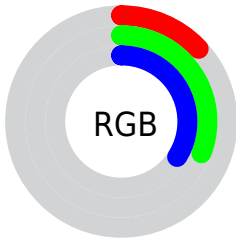
Format	Color
R_{YB}	34, 59, 87
Decimal	2248791
CIE Lab	31.27, -13.33, -8.88
CIE LCh	31, 16.020, 213.657
Yxy	6.7655, 0.2379, 0.3067
Android (android.graphics.Color)	4280438871 (0xFF225057)
YUV	67.0440, 9.8383, -28.9796
Hunter-Lab	26.0106, -9.4993, -4.6921

Details

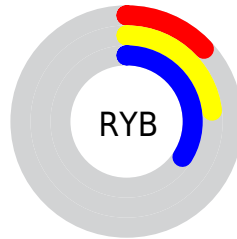
The Hex color **225057** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **572922**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **548189**, and **00232A** is the 20% darker color. If you saturate the color by 10%, you get **194F57**, and if you desaturate by 10%, it is **2B5157**.

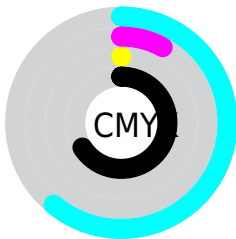
Distribution



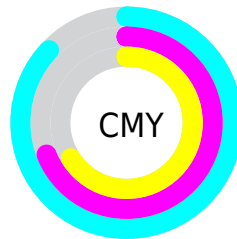
- Red (13%)
- Green (31%)
- Blue (34%)



- Red (13%)
- Yellow (23%)
- Blue (34%)



- Cyan (61%)
- Magenta (8%)
- Yellow (0%)
- Black (66%)



- Cyan (87%)
- Magenta (69%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225057 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 225057 by changing the saturation by 10% instead.

■ 225057

■ 225057

FFFFFF

■ 043940

■ 548189

■ 00232A

■ 6E9BA3

■ 000A16

■ 88B6BE

■ 000000

■ A3D2DA

■ BFEEF6

■ DBFFFF

■ F8FFFF

■ 225057

■ 225057

■ 194F57

■ 2B5157

■ 114E57

■ 335257

■ 084D57

■ 3C5357

■ 004C57

■ 455557

■ 4E5657

■ 565757

■ 5F5857

■ 685957

■ 705A57

Harmonies

Analogous

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



28514B



225057



2A4E60

Triad

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



225057



5B4255



514931

Complementary

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



225057



572922

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.



5C4533



225057



624048

Square

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



225057



4D465E



62423C



434D34

Rectangle

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



225057



364C62



62423C



554831

Sweetspot

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



225057



5C6E70



225728



2C3638



B8B8B8



383838

Same Dimension

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



225057



1E6570



223657



272B2B



005D6B



00CCEB

Inverse Universe

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



572250



701E65



574322



2B272B



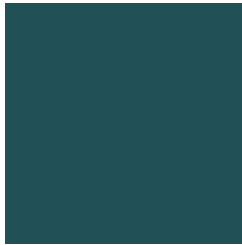
6B005D



EB00CC

Previews

White Background



This preview shows how the Hex color 225057 looks on a white background.

Color Contrast Check

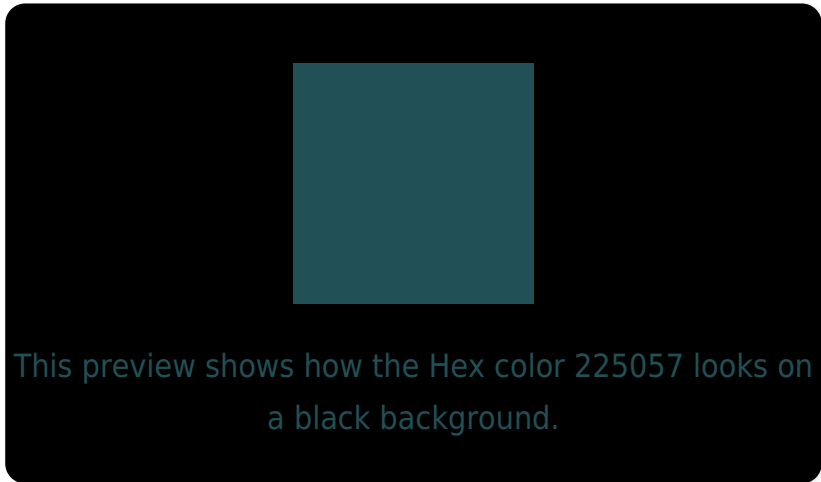
Large Text (above 18pt) WCAG AA ✓ Pass

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

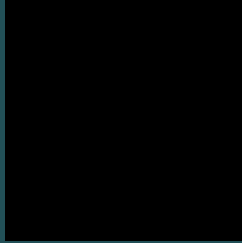
Any Text WCAG AA × Fail

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 225057 Background



This preview shows how black text looks on a background with the Hex color 225057.



This preview shows how white text looks on a background with the Hex color 225057.

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
225057

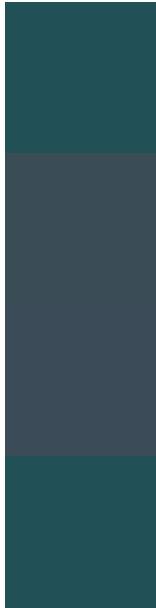
Protanopia
484952

Deuteranopia
494859



Tritanopia
225057

Trichromacy



Original Color
225057

Protanomaly
3A4C54

Deuteranomaly
3B4B58

Tritanomaly
225057

Monochromacy



Original Color
225057

Achromatopsia
434343

Achromatomaly
37484A

CSS Examples

Text

The CSS property to change the color of the text to Hex 225057 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 #225057 looks like.

```
.text, #text, p{  
    color:#225057  
}
```

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 #225057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225057
}
```

Border

The CSS property to change the border of an element to Hex 225057 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
#225057 }
```

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

```
.border{ border-color:#225057 }
```

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

Here you see how a box with a 4 pixel #225057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225057; -webkit-box-shadow:4px 4px  
4px 4px #225057; box-shadow:4px 4px 4px  
4px #225057 }
```

Background

The CSS property to change the background color of an element to Hex 225057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225057 }
```

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

```
.background{ background-color:#225057 }
```

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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